

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045533.D
 Acq On : 03 Nov 2021 20:33
 Operator : SY/MD
 Sample : VU1103WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1103WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/05/2021
 Supervised By : Mahesh Dadoda 11/05/2021

Quant Time: Nov 05 13:53:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.379	168	178836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	325227	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	323670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	154886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	93482	32.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 64.220%#			
35) Dibromofluoromethane	5.295	113	109014	52.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.440%			
50) Toluene-d8	7.899	98	452041	55.744	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.480%			
62) 4-Bromofluorobenzene	10.636	95	170223	55.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	43305	16.783	ug/l	97
3) Chloromethane	1.520	50	56862	15.979	ug/l	99
4) Vinyl Chloride	1.607	62	52006	17.604	ug/l	98
5) Bromomethane	1.861	94	24775	13.815	ug/l	99
6) Chloroethane	1.938	64	21493	12.076	ug/l	97
7) Trichlorofluoromethane	2.144	101	43053	13.016	ug/l	99
8) Diethyl Ether	2.382	74	19470	12.696	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.584	101	34401	17.312	ug/l	99
10) Methyl Iodide	2.729	142	19783	17.742	ug/l	99
11) Tert butyl alcohol	3.234	59	58654	93.330	ug/l #	90
12) 1,1-Dichloroethene	2.584	96	35223	17.239	ug/l	94
13) Acrolein	2.494	56	10518	74.777	ug/l	99
14) Allyl chloride	2.928	41	67790	18.069	ug/l	98
15) Acrylonitrile	3.324	53	141783	93.052	ug/l	99
16) Acetone	2.649	43	130369	98.631	ug/l	95
17) Carbon Disulfide	2.800	76	103781	17.454	ug/l	99
18) Methyl Acetate	2.954	43	90184	18.322	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	135416	18.014	ug/l	98
20) Methylene Chloride	3.051	84	44510	16.899	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	39504	17.942	ug/l	97
22) Diisopropyl ether	3.996	45	128067	17.456	ug/l	95
23) Vinyl Acetate	3.961	43	481951	84.687	ug/l	99
24) 1,1-Dichloroethane	3.877	63	74279	17.277	ug/l	99
25) 2-Butanone	4.713	43	177091	88.750	ug/l	98
26) 2,2-Dichloropropane	4.668	77	56824	17.061	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	44228	17.457	ug/l	97
28) Bromochloromethane	4.980	49	30775	14.512	ug/l	98
29) Tetrahydrofuran	5.063	42	109494	84.613	ug/l	99
30) Chloroform	5.092	83	67125	16.103	ug/l	98
31) Cyclohexane	5.391	56	74545	17.197	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	58463	17.089	ug/l	98
36) 1,1-Dichloropropene	5.533	75	54372	17.563	ug/l	99
37) Ethyl Acetate	4.806	43	62638	16.706	ug/l	99
38) Carbon Tetrachloride	5.530	117	46337	17.162	ug/l	99
39) Methylcyclohexane	6.768	83	66171	17.188	ug/l	98
40) Benzene	5.777	78	138853	14.900	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045533.D
 Acq On : 03 Nov 2021 20:33
 Operator : SY/MD
 Sample : VU1103WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1103WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/05/2021
 Supervised By : Mahesh Dadoda 11/05/2021

Quant Time: Nov 05 13:53:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	34511	17.392	ug/l	98
42) 1,2-Dichloroethane	5.797	62	46038	13.451	ug/l	95
43) Isopropyl Acetate	5.915	43	81151	14.362	ug/l	96
44) Trichloroethene	6.546	130	38674	17.905	ug/l	98
45) 1,2-Dichloropropane	6.793	63	43912	17.904	ug/l	100
46) Dibromomethane	6.919	93	29817	18.671	ug/l	99
47) Bromodichloromethane	7.108	83	57573	18.319	ug/l	100
48) Methyl methacrylate	6.964	41	46898	17.511	ug/l	99
49) 1,4-Dioxane	7.031	88	30341	445.765	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	338829	92.777	ug/l	99
52) Toluene	7.973	92	107334	18.947	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	63900	17.839	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	70498	18.377	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	42855	18.520	ug/l	99
56) Ethyl methacrylate	8.337	69	67834	17.136	ug/l	98
57) 1,3-Dichloropropane	8.578	76	75645	18.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	171645	80.924	ug/l	99
59) 2-Hexanone	8.687	43	262720	92.847	ug/l	99
60) Dibromochloromethane	8.812	129	39554	17.811	ug/l	100
61) 1,2-Dibromoethane	8.925	107	45236	18.663	ug/l	98
64) Tetrachloroethene	8.555	164	32673	17.659	ug/l	99
65) Chlorobenzene	9.449	112	106262	17.316	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	35919	17.348	ug/l	99
67) Ethyl Benzene	9.571	91	196652	17.493	ug/l	99
68) m/p-Xylenes	9.697	106	150814	35.541	ug/l	100
69) o-Xylene	10.102	106	73810	17.839	ug/l	99
70) Styrene	10.118	104	122105	16.625	ug/l	99
71) Bromoform	10.295	173	28178	16.434	ug/l #	100
73) Isopropylbenzene	10.488	105	188802	18.078	ug/l	99
74) N-amyl acetate	10.320	43	80139	15.607	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	74505	17.975	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	69865m	16.930	ug/l	
77) Bromobenzene	10.783	156	44546	18.281	ug/l	99
78) n-propylbenzene	10.909	91	229486	18.124	ug/l	100
79) 2-Chlorotoluene	10.989	91	139139	18.257	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	160778	18.295	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	21840	16.705	ug/l	98
82) 4-Chlorotoluene	11.099	91	160378	18.505	ug/l	99
83) tert-Butylbenzene	11.423	119	152064	17.926	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	160411	18.217	ug/l	100
85) sec-Butylbenzene	11.645	105	200961	18.053	ug/l	100
86) p-Isopropyltoluene	11.796	119	162134	16.567	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	85482	17.771	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	86583	17.602	ug/l	98
89) n-Butylbenzene	12.211	91	150333	16.221	ug/l	100
90) Hexachloroethane	12.478	117	25977	16.349	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	84692	17.604	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	16790	16.865	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	56273	17.466	ug/l	99
94) Hexachlorobutadiene	14.024	225	20182	17.204	ug/l	99
95) Naphthalene	14.089	128	213252	16.809	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	57840	17.810	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
Data File : VU045533.D
Acq On : 03 Nov 2021 20:33
Operator : SY/MD
Sample : VU1103WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1103WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/05/2021
Supervised By :Mahesh Dadoda 11/05/2021

Quant Time: Nov 05 13:53:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045533.D
 Acq On : 03 Nov 2021 20:33
 Operator : SY/MD
 Sample : VU1103WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1103WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 11/05/2021
 Supervised By : Mahesh Dadoda 11/05/2021

Quant Time: Nov 05 13:53:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

