

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045699.D
 Acq On : 10 Nov 2021 19:36
 Operator : SY/MD
 Sample : VU1110WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110WBSD01

Quant Time: Nov 11 02:32:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	109321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	195836	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	190600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	98863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	90825	55.476	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.960%			
35) Dibromofluoromethane	5.292	113	68834	52.646	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.300%			
50) Toluene-d8	7.899	98	260190	53.516	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.040%			
62) 4-Bromofluorobenzene	10.636	95	100730	51.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	29618	20.896	ug/l	99
3) Chloromethane	1.523	50	32839	20.249	ug/l	98
4) Vinyl Chloride	1.604	62	33431	21.162	ug/l	100
5) Bromomethane	1.851	94	19963	22.655	ug/l	98
6) Chloroethane	1.932	64	20716	20.093	ug/l	96
7) Trichlorofluoromethane	2.138	101	45369	21.717	ug/l	98
8) Diethyl Ether	2.379	74	17920	21.670	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.581	101	25742	21.103	ug/l	96
10) Methyl Iodide	2.723	142	26362	16.514	ug/l	92
11) Tert butyl alcohol	3.179	59	37419	115.471	ug/l	100
12) 1,1-Dichloroethene	2.578	96	24859	20.669	ug/l	99
13) Acrolein	2.485	56	5159	109.860	ug/l	99
14) Allyl chloride	2.925	41	45395	21.138	ug/l	98
15) Acrylonitrile	3.314	53	99900	115.465	ug/l	99
16) Acetone	2.626	43	84827	101.782	ug/l	98
17) Carbon Disulfide	2.793	76	62473	18.545	ug/l	99
18) Methyl Acetate	2.948	43	66103	23.287	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	94862	21.911	ug/l	98
20) Methylene Chloride	3.047	84	30847	21.301	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	27372	21.876	ug/l	95
22) Diisopropyl ether	3.996	45	96034	22.774	ug/l	97
23) Vinyl Acetate	3.957	43	363620	112.119	ug/l	99
24) 1,1-Dichloroethane	3.874	63	56788	22.600	ug/l	99
25) 2-Butanone	4.703	43	131546	113.802	ug/l	99
26) 2,2-Dichloropropane	4.668	77	42773	20.542	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	32491	22.108	ug/l	99
28) Bromochloromethane	4.977	49	26312	21.964	ug/l	98
29) Tetrahydrofuran	5.051	42	83450	118.025	ug/l	99
30) Chloroform	5.092	83	57044	22.954	ug/l	99
31) Cyclohexane	5.391	56	47754	19.990	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	48054	22.675	ug/l	97
36) 1,1-Dichloropropene	5.530	75	40352	21.132	ug/l	99
37) Ethyl Acetate	4.806	43	47739	21.764	ug/l	99
38) Carbon Tetrachloride	5.530	117	40514	21.045	ug/l	99
39) Methylcyclohexane	6.768	83	45651	19.487	ug/l	98
40) Benzene	5.777	78	119369	21.114	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045699.D
 Acq On : 10 Nov 2021 19:36
 Operator : SY/MD
 Sample : VU1110WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 11 02:32:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	26018	22.445	ug/l	99
42) 1,2-Dichloroethane	5.797	62	46167	22.608	ug/l	100
43) Isopropyl Acetate	5.912	43	73858	22.014	ug/l	100
44) Trichloroethene	6.546	130	30259	22.360	ug/l	97
45) 1,2-Dichloropropane	6.793	63	33216	22.204	ug/l	99
46) Dibromomethane	6.922	93	22537	21.743	ug/l	100
47) Bromodichloromethane	7.108	83	43715	22.228	ug/l	97
48) Methyl methacrylate	6.960	41	34037	22.041	ug/l	97
49) 1,4-Dioxane	6.964	88	17482	440.212	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	248372	112.223	ug/l	100
52) Toluene	7.973	92	74802	21.612	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	45953	20.331	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	50742	21.136	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	31473	21.940	ug/l	99
56) Ethyl methacrylate	8.333	69	48495	20.358	ug/l	98
57) 1,3-Dichloropropane	8.578	76	56496	21.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	114835	86.954	ug/l	100
59) 2-Hexanone	8.684	43	196747	106.621	ug/l	97
60) Dibromochloromethane	8.812	129	32689	21.884	ug/l	99
61) 1,2-Dibromoethane	8.925	107	33486	21.765	ug/l	97
64) Tetrachloroethene	8.555	164	25624	23.423	ug/l	98
65) Chlorobenzene	9.449	112	79018	21.106	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.536	131	28308	21.200	ug/l	99
67) Ethyl Benzene	9.575	91	140946	21.022	ug/l	99
68) m/p-Xylenes	9.697	106	107472	42.504	ug/l	99
69) o-Xylene	10.102	106	52509	21.360	ug/l	99
70) Styrene	10.118	104	87318	20.996	ug/l	100
71) Bromoform	10.292	173	23338	20.413	ug/l #	99
73) Isopropylbenzene	10.488	105	138516	21.443	ug/l	99
74) N-amyl acetate	10.320	43	60619	20.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	55191	21.565	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	52483m	17.505	ug/l	
77) Bromobenzene	10.783	156	33141	21.131	ug/l	99
78) n-propylbenzene	10.909	91	169006	21.022	ug/l	100
79) 2-Chlorotoluene	10.989	91	102987	21.682	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	119178	21.117	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	15378	18.790	ug/l	97
82) 4-Chlorotoluene	11.099	91	119207	21.400	ug/l	100
83) tert-Butylbenzene	11.423	119	114387	21.262	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	120678	21.514	ug/l	99
85) sec-Butylbenzene	11.645	105	150823	21.138	ug/l	99
86) p-Isopropyltoluene	11.796	119	123486	20.711	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	63819	20.168	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	64996	20.308	ug/l	99
89) n-Butylbenzene	12.211	91	111648	19.439	ug/l	98
90) Hexachloroethane	12.478	117	19891	18.493	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	63650	20.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	12135	20.095	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	39833	18.712	ug/l	97
94) Hexachlorobutadiene	14.024	225	17264	18.788	ug/l	99
95) Naphthalene	14.089	128	148010	19.143	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	41953	19.842	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
Data File : VU045699.D
Acq On : 10 Nov 2021 19:36
Operator : SY/MD
Sample : VU1110WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/11/2021
Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 11 02:32:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

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

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

