

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045931.D
 Acq On : 22 Nov 2021 22:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 23 05:20:48 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 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	109885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	187559	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	184606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	97815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	80831	49.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.240%			
35) Dibromofluoromethane	5.292	113	63881	51.014	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	7.899	98	242849	52.154	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.300%			
62) 4-Bromofluorobenzene	10.632	95	93427	50.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	76064	53.389	ug/l	98
3) Chloromethane	1.520	50	70098	43.001	ug/l	99
4) Vinyl Chloride	1.607	62	78308	49.314	ug/l	100
5) Bromomethane	1.861	94	48434	54.684	ug/l	98
6) Chloroethane	1.938	64	46433	44.806	ug/l	99
7) Trichlorofluoromethane	2.144	101	109845	52.311	ug/l	99
8) Diethyl Ether	2.378	74	42575	51.221	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.584	101	62278	50.792	ug/l	96
10) Methyl Iodide	2.726	142	69226	43.143	ug/l	92
11) Tert butyl alcohol	3.279	59	91620m	281.278	ug/l	
12) 1,1-Dichloroethene	2.584	96	62615	51.794	ug/l	93
13) Acrolein	2.497	56	11575	245.222	ug/l	94
14) Allyl chloride	2.928	41	102188	47.339	ug/l	97
15) Acrylonitrile	3.327	53	241466	277.656	ug/l	100
16) Acetone	2.655	43	197884	236.218	ug/l	96
17) Carbon Disulfide	2.796	76	169962	50.193	ug/l	99
18) Methyl Acetate	2.957	43	140810	49.350	ug/l	97
19) Methyl tert-butyl Ether	3.366	73	224302	51.544	ug/l	98
20) Methylene Chloride	3.050	84	72907	50.087	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	67235	53.459	ug/l	94
22) Diisopropyl ether	3.993	45	203976	48.125	ug/l #	83
23) Vinyl Acetate	3.960	43	842716	258.511	ug/l	98
24) 1,1-Dichloroethane	3.874	63	126423	50.054	ug/l	99
25) 2-Butanone	4.716	43	304353	261.948	ug/l	98
26) 2,2-Dichloropropane	4.671	77	100051	47.803	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	77052	52.161	ug/l	97
28) Bromochloromethane	4.976	49	52995	44.011	ug/l	90
29) Tetrahydrofuran	5.060	42	191026	268.784	ug/l	94
30) Chloroform	5.092	83	129100	51.682	ug/l	98
31) Cyclohexane	5.391	56	109463	45.587	ug/l	95
32) 1,1,1-Trichloroethane	5.320	97	113031	53.061	ug/l	96
36) 1,1-Dichloropropene	5.529	75	94329	51.579	ug/l	98
37) Ethyl Acetate	4.806	43	114241	54.379	ug/l	98
38) Carbon Tetrachloride	5.529	117	98311	53.321	ug/l	100
39) Methylcyclohexane	6.767	83	111437	49.668	ug/l	94
40) Benzene	5.777	78	276313	51.032	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045931.D
 Acq On : 22 Nov 2021 22:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 05:20:48 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	4.976	41	60779	54.746	ug/l	98
42) 1,2-Dichloroethane	5.796	62	102578	52.449	ug/l	98
43) Isopropyl Acetate	5.912	43	163171	50.780	ug/l	97
44) Trichloroethene	6.545	130	73128	56.423	ug/l	97
45) 1,2-Dichloropropane	6.793	63	73525	51.320	ug/l	100
46) Dibromomethane	6.918	93	52989	53.379	ug/l	97
47) Bromodichloromethane	7.108	83	102285	54.304	ug/l	98
48) Methyl methacrylate	6.960	41	74747	50.540	ug/l	92
49) 1,4-Dioxane	7.047	88	38612m	1015.191	ug/l	
51) 4-Methyl-2-Pentanone	7.793	43	569643	268.742	ug/l	99
52) Toluene	7.970	92	179901	54.270	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	114556	52.919	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	122438	53.251	ug/l	92
55) 1,1,2-Trichloroethane	8.401	97	74604	54.302	ug/l	96
56) Ethyl methacrylate	8.333	69	116643	47.463	ug/l	93
57) 1,3-Dichloropropane	8.578	76	126910	51.288	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	285286	225.554	ug/l	97
59) 2-Hexanone	8.687	43	440237	239.031	ug/l	99
60) Dibromochloromethane	8.812	129	78667	54.989	ug/l	100
61) 1,2-Dibromoethane	8.925	107	79783	54.145	ug/l	98
64) Tetrachloroethene	8.555	164	69045	65.164	ug/l	99
65) Chlorobenzene	9.449	112	187744	51.775	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	68794	53.194	ug/l	98
67) Ethyl Benzene	9.571	91	347889	53.573	ug/l	99
68) m/p-Xylenes	9.697	106	269539	110.060	ug/l	100
69) o-Xylene	10.102	106	130241	54.701	ug/l	100
70) Styrene	10.114	104	224477	55.729	ug/l	98
71) Bromoform	10.291	173	62074	50.667	ug/l #	99
73) Isopropylbenzene	10.484	105	346726	54.251	ug/l	100
74) N-amyl acetate	10.320	43	130893	45.399	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.783	83	128753	50.847	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	144611	48.751	ug/l	94
77) Bromobenzene	10.783	156	82985	53.479	ug/l	93
78) n-propylbenzene	10.909	91	422374	53.099	ug/l	99
79) 2-Chlorotoluene	10.986	91	247370	52.637	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	297207	53.225	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.545	75	37821	42.261	ug/l	94
82) 4-Chlorotoluene	11.098	91	290660	52.738	ug/l	98
83) tert-Butylbenzene	11.423	119	278026	52.231	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	300559	54.157	ug/l	100
85) sec-Butylbenzene	11.645	105	372310	52.738	ug/l	99
86) p-Isopropyltoluene	11.793	119	310596	52.650	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	164732	52.615	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	163359	51.589	ug/l	100
89) n-Butylbenzene	12.211	91	285258	50.197	ug/l	99
90) Hexachloroethane	12.478	117	46136	43.352	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	161345	52.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.995	75	30441	50.949	ug/l	91
93) 1,2,4-Trichlorobenzene	13.841	180	109840	52.152	ug/l	99
94) Hexachlorobutadiene	14.024	225	46316	50.945	ug/l	96
95) Naphthalene	14.085	128	400660	50.590	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	111511	53.305	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
Data File : VU045931.D
Acq On : 22 Nov 2021 22:24
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 05:20:48 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

