

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045782.D
 Acq On : 12 Nov 2021 20:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 15 05:24:38 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)

Internal Standards						
1) Pentafluorobenzene	5.375	168	107065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	191476	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	187240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	98838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	83332	51.971	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.940%			
35) Dibromofluoromethane	5.292	113	64465	50.427	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	7.899	98	240631	50.620	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.240%			
62) 4-Bromofluorobenzene	10.632	95	93472	49.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	63927	46.052	ug/l	99
3) Chloromethane	1.520	50	68130	42.895	ug/l	100
4) Vinyl Chloride	1.604	62	74949	48.442	ug/l	100
5) Bromomethane	1.842	94	43931	50.906	ug/l	98
6) Chloroethane	1.925	64	45522	45.084	ug/l	99
7) Trichlorofluoromethane	2.134	101	100677	49.208	ug/l	99
8) Diethyl Ether	2.375	74	40446	49.941	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.578	101	59933	50.167	ug/l	98
10) Methyl Iodide	2.723	142	64510	41.263	ug/l	92
11) Tert butyl alcohol	3.179	59	91279	287.612	ug/l	99
12) 1,1-Dichloroethene	2.578	96	56414	47.894	ug/l	98
13) Acrolein	2.485	56	11758	255.660	ug/l	100
14) Allyl chloride	2.922	41	104816	49.836	ug/l	98
15) Acrylonitrile	3.314	53	236457	279.058	ug/l	98
16) Acetone	2.626	43	182942	224.133	ug/l	98
17) Carbon Disulfide	2.793	76	136094	41.249	ug/l	99
18) Methyl Acetate	2.948	43	152108	54.714	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	226257	53.363	ug/l	99
20) Methylene Chloride	3.047	84	70911	49.999	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	61402	50.107	ug/l	96
22) Diisopropyl ether	3.996	45	223907	54.218	ug/l	92
23) Vinyl Acetate	3.957	43	862792	271.641	ug/l	99
24) 1,1-Dichloroethane	3.871	63	130111	52.871	ug/l	98
25) 2-Butanone	4.700	43	302305	267.038	ug/l	99
26) 2,2-Dichloropropane	4.668	77	96487	47.315	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	74246	51.585	ug/l	97
28) Bromochloromethane	4.977	49	62645	53.395	ug/l	99
29) Tetrahydrofuran	5.051	42	190196	274.665	ug/l	99
30) Chloroform	5.089	83	130273	53.525	ug/l	100
31) Cyclohexane	5.388	56	106003	45.309	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	110538	53.258	ug/l	98
36) 1,1-Dichloropropene	5.526	75	89947	48.176	ug/l	99
37) Ethyl Acetate	4.803	43	111433	51.958	ug/l	99
38) Carbon Tetrachloride	5.526	117	93696	49.778	ug/l	99
39) Methylcyclohexane	6.764	83	104534	45.638	ug/l	97
40) Benzene	5.777	78	270819	48.994	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045782.D
 Acq On : 12 Nov 2021 20:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 15 05:24:38 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	4.973	41	61214	54.010	ug/l	97
42) 1,2-Dichloroethane	5.797	62	104593	52.385	ug/l	100
43) Isopropyl Acetate	5.912	43	170926	52.105	ug/l	99
44) Trichloroethene	6.546	130	66334	50.134	ug/l	100
45) 1,2-Dichloropropane	6.793	63	76588	52.364	ug/l	98
46) Dibromomethane	6.919	93	52773	52.074	ug/l	100
47) Bromodichloromethane	7.108	83	104113	54.144	ug/l	98
48) Methyl methacrylate	6.960	41	80733	53.471	ug/l	97
49) 1,4-Dioxane	6.964	88	41580	1070.862	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	592271	273.701	ug/l	100
52) Toluene	7.970	92	173092	51.148	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	111713	50.550	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	120943	51.525	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	74375	53.028	ug/l	99
56) Ethyl methacrylate	8.337	69	118321	47.177	ug/l	96
57) 1,3-Dichloropropane	8.578	76	130411	51.624	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	295338	228.725	ug/l	99
59) 2-Hexanone	8.684	43	452123	240.418	ug/l	99
60) Dibromochloromethane	8.812	129	79070	54.140	ug/l	99
61) 1,2-Dibromoethane	8.925	107	78012	51.860	ug/l	99
64) Tetrachloroethene	8.555	164	57211	53.236	ug/l	98
65) Chlorobenzene	9.449	112	181536	49.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	68235	52.020	ug/l	99
67) Ethyl Benzene	9.571	91	331511	50.333	ug/l	99
68) m/p-Xylenes	9.697	106	254715	102.544	ug/l	98
69) o-Xylene	10.102	106	125697	52.050	ug/l	100
70) Styrene	10.115	104	218008	53.362	ug/l	98
71) Bromoform	10.291	173	57850	46.806	ug/l #	100
73) Isopropylbenzene	10.488	105	332401	51.471	ug/l	100
74) N-amyl acetate	10.320	43	149205	51.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	131366	51.342	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	129712m	43.276	ug/l	
77) Bromobenzene	10.783	156	79291	50.570	ug/l	95
78) n-propylbenzene	10.909	91	403890	50.250	ug/l	100
79) 2-Chlorotoluene	10.989	91	238036	50.127	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	286266	50.735	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	37273	41.292	ug/l	98
82) 4-Chlorotoluene	11.099	91	278712	50.046	ug/l	99
83) tert-Butylbenzene	11.423	119	275406	51.204	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	288867	51.512	ug/l	100
85) sec-Butylbenzene	11.645	105	360315	50.511	ug/l	100
86) p-Isopropyltoluene	11.796	119	298535	50.082	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	151506	47.890	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	153553	47.991	ug/l	100
89) n-Butylbenzene	12.211	91	276170	48.095	ug/l	100
90) Hexachloroethane	12.478	117	49716	46.233	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	154257	50.117	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	29983	49.663	ug/l	93
93) 1,2,4-Trichlorobenzene	13.841	180	99645	46.822	ug/l	98
94) Hexachlorobutadiene	14.024	225	41736	45.432	ug/l	97
95) Naphthalene	14.089	128	376848	47.162	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	103798	49.104	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
Data File : VU045782.D
Acq On : 12 Nov 2021 20:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 15 05:24:38 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

