

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110421\
 Data File : VU045530.D
 Acq On : 03 Nov 2021 19:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 04 09:02:13 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	174166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	325000	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	313634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	148932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	135093	47.644	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.280%		
35) Dibromofluoromethane	5.292	113	97070	46.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	7.899	98	314683	38.833	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	77.660%#		
62) 4-Bromofluorobenzene	10.636	95	160727	52.050	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	133298	52.231	ug/l	99
3) Chloromethane	1.520	50	173095	49.946	ug/l	99
4) Vinyl Chloride	1.607	62	159779	55.535	ug/l	99
5) Bromomethane	1.861	94	75427	43.186	ug/l	99
6) Chloroethane	1.935	64	58224	33.589	ug/l	99
7) Trichlorofluoromethane	2.141	101	131586	40.850	ug/l	100
8) Diethyl Ether	2.379	74	57984	38.825	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.585	101	106235	54.894	ug/l	99
10) Methyl Iodide	2.726	142	57314	34.304	ug/l	98
11) Tert butyl alcohol	3.228	59	162134	264.905	ug/l	98
12) 1,1-Dichloroethene	2.585	96	107602	54.076	ug/l	94
13) Acrolein	2.491	56	31383	229.099	ug/l	99
14) Allyl chloride	2.929	41	208384	57.032	ug/l	98
15) Acrylonitrile	3.321	53	414194	279.125	ug/l	99
16) Acetone	2.642	43	409493	318.111	ug/l	95
17) Carbon Disulfide	2.800	76	317360	54.805	ug/l	99
18) Methyl Acetate	2.954	43	260605	54.365	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	405976	55.453	ug/l	100
20) Methylene Chloride	3.051	84	133621	52.092	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	118916	55.458	ug/l	96
22) Diisopropyl ether	3.996	45	387135	54.182	ug/l	100
23) Vinyl Acetate	3.961	43	1452344	262.045	ug/l	99
24) 1,1-Dichloroethane	3.874	63	221820	52.979	ug/l	100
25) 2-Butanone	4.710	43	515383	265.211	ug/l	96
26) 2,2-Dichloropropane	4.668	77	166618	51.367	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	129576	52.514	ug/l	97
28) Bromochloromethane	4.973	49	95414	46.200	ug/l	97
29) Tetrahydrofuran	5.057	42	323233	256.482	ug/l	98
30) Chloroform	5.092	83	214022	52.718	ug/l	99
31) Cyclohexane	5.391	56	202867	48.055	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	142022	42.626	ug/l	96
36) 1,1-Dichloropropene	5.530	75	155896	50.391	ug/l	98
37) Ethyl Acetate	4.806	43	186477	49.770	ug/l	98
38) Carbon Tetrachloride	5.530	117	137329	50.897	ug/l	99
39) Methylcyclohexane	6.768	83	144369	37.526	ug/l	91
40) Benzene	5.777	78	504676	54.192	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	98068	49.457	ug/l	97
42) 1,2-Dichloroethane	5.797	62	166081	48.557	ug/l	97
43) Isopropyl Acetate	5.912	43	290836	51.507	ug/l	97
44) Trichloroethene	6.546	130	92288	42.756	ug/l	89
45) 1,2-Dichloropropane	6.793	63	83962	34.258	ug/l	99
46) Dibromomethane	6.922	93	60616	37.984	ug/l #	88
47) Bromodichloromethane	7.108	83	114808	36.556	ug/l	97
48) Methyl methacrylate	6.964	41	78209	29.222	ug/l #	87
49) 1,4-Dioxane	7.018	88	57404	843.960	ug/l #	89
51) 4-Methyl-2-Pentanone	7.793	43	561448	153.841	ug/l	92
52) Toluene	7.970	92	240896	42.552	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	168296	47.015	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	146128	38.118	ug/l	91
55) 1,1,2-Trichloroethane	8.404	97	114933	49.702	ug/l	98
56) Ethyl methacrylate	8.334	69	180776	42.962	ug/l	92
57) 1,3-Dichloropropane	8.578	76	208459	50.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	317261	149.681	ug/l #	89
59) 2-Hexanone	8.687	43	672033	237.668	ug/l	95
60) Dibromochloromethane	8.813	129	115491	52.040	ug/l	98
61) 1,2-Dibromoethane	8.925	107	130624	53.930	ug/l	99
64) Tetrachloroethene	8.555	164	90803	50.649	ug/l	99
65) Chlorobenzene	9.449	112	315588	53.071	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	109519	54.589	ug/l	99
67) Ethyl Benzene	9.571	91	596068	54.721	ug/l	99
68) m/p-Xylenes	9.697	106	458911	111.608	ug/l	99
69) o-Xylene	10.102	106	224852	56.081	ug/l	100
70) Styrene	10.115	104	380385	51.285	ug/l	99
71) Bromoform	10.295	173	88734	48.943	ug/l #	100
73) Isopropylbenzene	10.488	105	578007	57.557	ug/l	99
74) N-amyl acetate	10.321	43	263058	50.491	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.784	83	222910	55.928	ug/l	99
76) 1,2,3-Trichloropropane	10.829	75	197980m	49.892	ug/l	
77) Bromobenzene	10.784	156	133915	57.152	ug/l	99
78) n-propylbenzene	10.909	91	709408	58.267	ug/l	99
79) 2-Chlorotoluene	10.989	91	415954	56.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	492530	58.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	71869	50.563	ug/l	97
82) 4-Chlorotoluene	11.099	91	480309	57.636	ug/l	99
83) tert-Butylbenzene	11.423	119	469016	57.501	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	494668	58.424	ug/l	100
85) sec-Butylbenzene	11.645	105	617609	57.700	ug/l	100
86) p-Isopropyltoluene	11.796	119	510374	53.808	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	252957	54.690	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	254935	53.900	ug/l	100
89) n-Butylbenzene	12.211	91	482083	51.906	ug/l	100
90) Hexachloroethane	12.478	117	83929	54.934	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	259382	56.070	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	51381	53.672	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	170344	54.986	ug/l	99
94) Hexachlorobutadiene	14.025	225	62682	55.570	ug/l	99
95) Naphthalene	14.089	128	648641	52.953	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	172800	55.337	ug/l	100

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

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