

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025416.D
 Acq On : 02 Dec 2021 09:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 03 03:03:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51873	50.844	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.680%			
35) Dibromofluoromethane	5.385	113	46706	51.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.220%			
50) Toluene-d8	8.647	98	171393	49.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.760%			
62) 4-Bromofluorobenzene	11.085	95	64519	49.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	47255	56.321	ug/l	100
3) Chloromethane	1.288	50	46362	44.627	ug/l	99
4) Vinyl Chloride	1.374	62	52636	46.148	ug/l	99
5) Bromomethane	1.599	94	23453	47.827	ug/l	98
6) Chloroethane	1.678	64	35257	44.800	ug/l	98
7) Trichlorofluoromethane	1.880	101	85132	50.287	ug/l	98
8) Diethyl Ether	2.136	74	32684	46.781	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	48171	53.478	ug/l	98
10) Methyl Iodide	2.447	142	47783	42.426	ug/l	94
11) Tert butyl alcohol	2.971	59	56625	223.422	ug/l	98
12) 1,1-Dichloroethene	2.319	96	45236	50.425	ug/l	88
13) Acrolein	2.233	56	14659	313.632	ug/l	98
14) Allyl chloride	2.660	41	77162	47.526	ug/l	96
15) Acrylonitrile	3.062	53	134475	245.622	ug/l	99
16) Acetone	2.380	43	151174	266.664	ug/l	96
17) Carbon Disulfide	2.508	76	108385	42.948	ug/l	98
18) Methyl Acetate	2.703	43	86382	47.691	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	158907	50.838	ug/l	99
20) Methylene Chloride	2.788	84	51317	48.154	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	48048	48.890	ug/l	88
22) Diisopropyl ether	3.763	45	157375	50.898	ug/l	96
23) Vinyl Acetate	3.721	43	626993	252.450	ug/l	98
24) 1,1-Dichloroethane	3.611	63	87397	51.730	ug/l	96
25) 2-Butanone	4.556	43	203448	248.220	ug/l	98
26) 2,2-Dichloropropane	4.477	77	79721	52.048	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	58609	51.068	ug/l	90
28) Bromochloromethane	4.897	49	40174	50.996	ug/l	93
29) Tetrahydrofuran	5.001	42	118965	234.416	ug/l	97
30) Chloroform	5.099	83	91582	52.089	ug/l	99
31) Cyclohexane	5.470	56	77133	48.924	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	83033	51.583	ug/l	99
36) 1,1-Dichloropropene	5.696	75	66018	50.801	ug/l	97
37) Ethyl Acetate	4.714	43	71919	48.642	ug/l	99
38) Carbon Tetrachloride	5.678	117	75422	52.693	ug/l	97
39) Methylcyclohexane	7.379	83	84214	50.521	ug/l	95
40) Benzene	6.037	78	198344	50.384	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38887	47.386	ug/l	95
42) 1,2-Dichloroethane	6.086	62	69188	54.014	ug/l	93
43) Isopropyl Acetate	6.342	43	120940	49.150	ug/l	98
44) Trichloroethene	7.129	130	59528	52.053	ug/l	92
45) 1,2-Dichloropropane	7.427	63	50489	52.219	ug/l	100
46) Dibromomethane	7.580	93	36481	51.975	ug/l	93
47) Bromodichloromethane	7.824	83	71729	52.002	ug/l	98
48) Methyl methacrylate	7.696	41	55287	47.875	ug/l	93
49) 1,4-Dioxane	7.659	88	21971	900.934	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	380422	246.557	ug/l	98
52) Toluene	8.720	92	132569	51.581	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	78949	51.470	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	84626	50.897	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	54014	52.877	ug/l	97
56) Ethyl methacrylate	9.116	69	84403	50.916	ug/l	95
57) 1,3-Dichloropropane	9.311	76	88452	52.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	201666	261.485	ug/l	95
59) 2-Hexanone	9.433	43	300963	247.419	ug/l	96
60) Dibromochloromethane	9.525	129	60905	51.803	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57683	52.138	ug/l	98
64) Tetrachloroethene	9.275	164	60288	53.348	ug/l	94
65) Chlorobenzene	10.079	112	147094	52.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	55479	51.802	ug/l	99
67) Ethyl Benzene	10.195	91	255029	52.843	ug/l	96
68) m/p-Xylenes	10.305	106	202902	102.929	ug/l	93
69) o-Xylene	10.640	106	99964	51.811	ug/l	92
70) Styrene	10.659	104	166463	52.225	ug/l	97
71) Bromoform	10.799	173	45927	49.393	ug/l #	99
73) Isopropylbenzene	10.963	105	259319	52.142	ug/l	97
74) N-amyl acetate	10.841	43	104965	48.795	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	80249	49.885	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	62940m	44.044	ug/l	
77) Bromobenzene	11.201	156	66292	51.831	ug/l	94
78) n-propylbenzene	11.305	91	297176	53.233	ug/l	98
79) 2-Chlorotoluene	11.366	91	175490	51.635	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	217993	52.146	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	26299	46.362	ug/l	91
82) 4-Chlorotoluene	11.457	91	201026	51.816	ug/l	96
83) tert-Butylbenzene	11.719	119	219979	51.778	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	218792	52.953	ug/l	97
85) sec-Butylbenzene	11.890	105	278880	53.994	ug/l	97
86) p-Isopropyltoluene	12.012	119	235183	52.996	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	124986	52.495	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	124162	51.466	ug/l	98
89) n-Butylbenzene	12.335	91	200555	53.618	ug/l	96
90) Hexachloroethane	12.542	117	38427	46.989	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	121111	52.196	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16759	49.875	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	80352	58.836	ug/l	99
94) Hexachlorobutadiene	13.725	225	35553	54.217	ug/l	100
95) Naphthalene	13.780	128	252629	53.680	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79240	59.311	ug/l	98

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

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