

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012522\
 Data File : VX026558.D
 Acq On : 25 Jan 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 26 07:09:26 2022
 Quant Title :
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	100686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66302	47.139	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.280%		
35) Dibromofluoromethane	5.391	113	51885	49.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	8.647	98	186959	49.918	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.840%		
62) 4-Bromofluorobenzene	11.079	95	68491	51.479	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.960%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	50813	42.738	ug/l	100
3) Chloromethane	1.295	50	47451	43.536	ug/l	99
4) Vinyl Chloride	1.380	62	51908	45.361	ug/l	100
5) Bromomethane	1.618	94	22492	42.608	ug/l	97
6) Chloroethane	1.691	64	29393	50.795	ug/l	97
7) Trichlorofluoromethane	1.892	101	81754	45.251	ug/l	98
8) Diethyl Ether	2.136	74	28963	45.303	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	53953	49.003	ug/l	100
10) Methyl Iodide	2.459	142	65966	55.153	ug/l	100
11) Tert butyl alcohol	2.983	59	41080	209.955	ug/l	95
12) 1,1-Dichloroethene	2.325	96	50101	47.646	ug/l	94
13) Acrolein	2.240	56	49943	240.214	ug/l	100
14) Allyl chloride	2.666	41	92980	48.082	ug/l	97
15) Acrylonitrile	3.069	53	145804	242.078	ug/l	99
16) Acetone	2.386	43	170134	237.198	ug/l	97
17) Carbon Disulfide	2.514	76	131711	42.902	ug/l	100
18) Methyl Acetate	2.703	43	68278	47.882	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	177133	46.425	ug/l	100
20) Methylene Chloride	2.794	84	54992	46.404	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	54149	47.568	ug/l	99
22) Diisopropyl ether	3.764	45	187411	47.711	ug/l	93
23) Vinyl Acetate	3.721	43	780564	241.409	ug/l	99
24) 1,1-Dichloroethane	3.611	63	102160	48.157	ug/l	100
25) 2-Butanone	4.556	43	230001	246.576	ug/l	100
26) 2,2-Dichloropropane	4.477	77	76742	48.804	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	62497	48.104	ug/l	99
28) Bromochloromethane	4.898	49	44132	50.664	ug/l	99
29) Tetrahydrofuran	5.007	42	131128	236.695	ug/l	99
30) Chloroform	5.099	83	105488	47.858	ug/l	98
31) Cyclohexane	5.471	56	95058	45.821	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	94209	48.592	ug/l	100
36) 1,1-Dichloropropene	5.696	75	78496	47.842	ug/l	99
37) Ethyl Acetate	4.715	43	80658	48.597	ug/l	99
38) Carbon Tetrachloride	5.678	117	83532	49.495	ug/l	96
39) Methylcyclohexane	7.385	83	96914	48.970	ug/l	97
40) Benzene	6.038	78	220287	48.575	ug/l	100
41) Methacrylonitrile	4.922	41	47531	50.555	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.086	62	84208	47.459	ug/l	99
43) Isopropyl Acetate	6.342	43	131719	49.130	ug/l	99
44) Trichloroethene	7.129	130	65171	50.644	ug/l	92
45) 1,2-Dichloropropane	7.434	63	56755	50.137	ug/l	98
46) Dibromomethane	7.580	93	39604	49.630	ug/l	98
47) Bromodichloromethane	7.824	83	81497	50.546	ug/l	100
48) Methyl methacrylate	7.690	41	64696	48.693	ug/l	98
49) 1,4-Dioxane	7.684	88	19458	892.392	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	399748	251.380	ug/l	99
52) Toluene	8.720	92	137314	49.376	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	80443	46.797	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	90540	52.283	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	54218	49.959	ug/l	98
56) Ethyl methacrylate	9.116	69	83954	50.478	ug/l	99
57) 1,3-Dichloropropane	9.311	76	94508	50.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	238895	273.931	ug/l	99
59) 2-Hexanone	9.433	43	319304	262.346	ug/l	99
60) Dibromochloromethane	9.519	129	60199	53.230	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56795	50.223	ug/l	100
64) Tetrachloroethene	9.275	164	67196	51.386	ug/l	96
65) Chlorobenzene	10.080	112	143501	49.226	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55202	50.964	ug/l	99
67) Ethyl Benzene	10.195	91	261039	49.277	ug/l	100
68) m/p-Xylenes	10.305	106	198455	100.106	ug/l	100
69) o-Xylene	10.640	106	96905	50.658	ug/l	98
70) Styrene	10.653	104	162062	51.919	ug/l	99
71) Bromoform	10.799	173	40009	48.336	ug/l #	100
73) Isopropylbenzene	10.964	105	258370	47.654	ug/l	99
74) N-amyl acetate	10.842	43	99629	47.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	68531	47.092	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	64018m	43.958	ug/l	
77) Bromobenzene	11.201	156	58152	46.818	ug/l	99
78) n-propylbenzene	11.305	91	301061	48.694	ug/l	99
79) 2-Chlorotoluene	11.366	91	175909	46.919	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	215105	48.124	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22340	48.549	ug/l	94
82) 4-Chlorotoluene	11.457	91	204777	47.524	ug/l	99
83) tert-Butylbenzene	11.713	119	198667	47.611	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	214232	47.919	ug/l	98
85) sec-Butylbenzene	11.890	105	268460	49.740	ug/l	100
86) p-Isopropyltoluene	12.012	119	227732	50.292	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113230	48.635	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	111922	47.495	ug/l	98
89) n-Butylbenzene	12.335	91	199117	51.241	ug/l	100
90) Hexachloroethane	12.543	117	36373	48.215	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	108002	49.089	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17271	49.104	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	71372	50.598	ug/l	98
94) Hexachlorobutadiene	13.725	225	29978	50.345	ug/l	99
95) Naphthalene	13.774	128	242373	51.514	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71051	51.218	ug/l	99

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