

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026583.D
 Acq On : 26 Jan 2022 10:33
 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 10:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/27/2022
 Supervised By :Mahesh Dadoda 01/27/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	103100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64316	44.657	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.320%		
35) Dibromofluoromethane	5.385	113	50482	46.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	8.647	98	188420	48.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.080%		
62) 4-Bromofluorobenzene	11.079	95	70530	51.152	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	53239	43.730	ug/l	100
3) Chloromethane	1.294	50	52783	47.294	ug/l	99
4) Vinyl Chloride	1.380	62	54730	46.707	ug/l	98
5) Bromomethane	1.618	94	30050	55.593	ug/l	100
6) Chloroethane	1.691	64	26133	44.104	ug/l	100
7) Trichlorofluoromethane	1.892	101	82648	44.675	ug/l	100
8) Diethyl Ether	2.136	74	30528	46.633	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	55308	49.058	ug/l	99
10) Methyl Iodide	2.459	142	64628	52.962	ug/l	98
11) Tert butyl alcohol	3.032	59	43156	215.401	ug/l	97
12) 1,1-Dichloroethene	2.325	96	50791	47.171	ug/l	96
13) Acrolein	2.239	56	44351	208.324	ug/l	100
14) Allyl chloride	2.666	41	94359	47.653	ug/l	97
15) Acrylonitrile	3.069	53	155242	251.713	ug/l	98
16) Acetone	2.392	43	183626	250.014	ug/l	96
17) Carbon Disulfide	2.514	76	133742	42.544	ug/l	100
18) Methyl Acetate	2.703	43	71316	48.842	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	181686	46.503	ug/l	100
20) Methylene Chloride	2.794	84	57707	47.555	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	55498	47.611	ug/l	99
22) Diisopropyl ether	3.757	45	192273	47.803	ug/l	92
23) Vinyl Acetate	3.721	43	810729	244.867	ug/l	99
24) 1,1-Dichloroethane	3.611	63	103989	47.872	ug/l	99
25) 2-Butanone	4.562	43	238732	249.943	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77632	48.214	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	65077	48.917	ug/l	98
28) Bromochloromethane	4.897	49	45360	50.855	ug/l	99
29) Tetrahydrofuran	5.007	42	136755	241.072	ug/l	99
30) Chloroform	5.093	83	108365	48.012	ug/l	100
31) Cyclohexane	5.471	56	95545	44.977	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	94463	47.582	ug/l	99
36) 1,1-Dichloropropene	5.696	75	80206	47.169	ug/l	98
37) Ethyl Acetate	4.715	43	85511	49.714	ug/l	99
38) Carbon Tetrachloride	5.678	117	85778	49.043	ug/l	99
39) Methylcyclohexane	7.379	83	101366	49.423	ug/l	98
40) Benzene	6.038	78	230077	48.954	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48138	49.404	ug/l	98
42) 1,2-Dichloroethane	6.086	62	86265	46.913	ug/l	98
43) Isopropyl Acetate	6.336	43	136572	49.153	ug/l	99
44) Trichloroethene	7.123	130	67603	50.691	ug/l	98
45) 1,2-Dichloropropane	7.428	63	59655	50.850	ug/l	96
46) Dibromomethane	7.580	93	41949	50.725	ug/l	99
47) Bromodichloromethane	7.818	83	86142	51.553	ug/l	99
48) Methyl methacrylate	7.690	41	68370	49.653	ug/l	97
49) 1,4-Dioxane	7.696	88	18299	809.798	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	418284	253.809	ug/l	99
52) Toluene	8.720	92	150407	52.187	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	88591	49.612	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98073	54.646	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	59293	52.719	ug/l	98
56) Ethyl methacrylate	9.116	69	92974	53.941	ug/l	97
57) 1,3-Dichloropropane	9.305	76	102365	52.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	244391	270.403	ug/l	99
59) 2-Hexanone	9.433	43	325354	257.940	ug/l	99
60) Dibromochloromethane	9.519	129	66074	56.376	ug/l	100
61) 1,2-Dibromoethane	9.610	107	63082	53.826	ug/l	100
64) Tetrachloroethene	9.275	164	71521	50.473	ug/l	96
65) Chlorobenzene	10.079	112	160017	50.657	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	60478	51.527	ug/l	99
67) Ethyl Benzene	10.195	91	291357	50.756	ug/l	100
68) m/p-Xylenes	10.299	106	221308	103.020	ug/l	98
69) o-Xylene	10.640	106	106118	51.194	ug/l	99
70) Styrene	10.653	104	179957	53.204	ug/l	99
71) Bromoform	10.799	173	43429	48.416	ug/l #	98
73) Isopropylbenzene	10.963	105	287569	50.296	ug/l	100
74) N-amyl acetate	10.842	43	107429	48.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	73111	47.640	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	75741m	49.317	ug/l	
77) Bromobenzene	11.201	156	64926	49.568	ug/l	98
78) n-propylbenzene	11.305	91	331243	50.804	ug/l	100
79) 2-Chlorotoluene	11.366	91	193279	48.885	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237196	50.320	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23961	49.292	ug/l	92
82) 4-Chlorotoluene	11.457	91	221368	48.716	ug/l	98
83) tert-Butylbenzene	11.713	119	218316	49.613	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	237026	50.274	ug/l	99
85) sec-Butylbenzene	11.890	105	294393	51.722	ug/l	99
86) p-Isopropyltoluene	12.012	119	248895	52.122	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	122153	49.753	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	122217	49.180	ug/l	99
89) n-Butylbenzene	12.335	91	217556	53.090	ug/l	100
90) Hexachloroethane	12.542	117	39562	49.661	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	115682	49.859	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17576	47.386	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	75969	51.071	ug/l	99
94) Hexachlorobutadiene	13.725	225	32345	51.510	ug/l	99
95) Naphthalene	13.780	128	249449	50.275	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75063	51.311	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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