

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035525.D
 Acq On : 05 May 2023 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

Quant Time: May 08 00:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	302946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	501725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	453568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192178	52.581	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.160%			
35) Dibromofluoromethane	5.379	113	158948	51.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.647	98	551861	47.506	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.020%			
62) 4-Bromofluorobenzene	11.079	95	221942	50.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	140627	43.870	ug/l	98
3) Chloromethane	1.294	50	147560	50.602	ug/l	99
4) Vinyl Chloride	1.374	62	141724	48.457	ug/l	97
5) Bromomethane	1.618	94	83738	43.077	ug/l	99
6) Chloroethane	1.691	64	73737	43.107	ug/l	96
7) Trichlorofluoromethane	1.886	101	204077	44.620	ug/l	99
8) Diethyl Ether	2.130	74	85811	51.458	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	139457	45.652	ug/l	97
10) Methyl Iodide	2.453	142	177648	46.078	ug/l	98
11) Tert butyl alcohol	2.989	59	155448m	233.589	ug/l	
12) 1,1-Dichloroethene	2.319	96	134962	45.869	ug/l	99
13) Acrolein	2.239	56	158080	241.546	ug/l	99
14) Allyl chloride	2.660	41	271894	52.509	ug/l	97
15) Acrylonitrile	3.062	53	439877	264.281	ug/l	100
16) Acetone	2.386	43	479090	301.814	ug/l	99
17) Carbon Disulfide	2.514	76	348518	49.411	ug/l	99
18) Methyl Acetate	2.703	43	334118	54.432	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	540966	53.590	ug/l	99
20) Methylene Chloride	2.788	84	171313	47.067	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	155018	48.509	ug/l	96
22) Diisopropyl ether	3.751	45	555071	54.171	ug/l	98
23) Vinyl Acetate	3.715	43	2032341	288.554	ug/l	100
24) 1,1-Dichloroethane	3.605	63	294016	50.942	ug/l	99
25) 2-Butanone	4.550	43	634901	274.028	ug/l	96
26) 2,2-Dichloropropane	4.471	77	228205	50.469	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	190180	50.629	ug/l	96
28) Bromochloromethane	4.891	49	139594	56.755	ug/l	92
29) Tetrahydrofuran	5.001	42	382536	257.555	ug/l	98
30) Chloroform	5.086	83	299924	51.476	ug/l	99
31) Cyclohexane	5.471	56	246336	47.513	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	248988	48.762	ug/l	98
36) 1,1-Dichloropropene	5.690	75	215243	44.764	ug/l	99
37) Ethyl Acetate	4.708	43	233291	53.121	ug/l	97
38) Carbon Tetrachloride	5.678	117	213110	46.687	ug/l	99
39) Methylcyclohexane	7.379	83	258843	44.224	ug/l	99
40) Benzene	6.031	78	661614	47.965	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	137951	54.820	ug/l	97
42) 1,2-Dichloroethane	6.080	62	244360	49.686	ug/l	97
43) Isopropyl Acetate	6.336	43	389453	52.776	ug/l	97
44) Trichloroethene	7.123	130	175238	46.117	ug/l	99
45) 1,2-Dichloropropane	7.428	63	175759	50.541	ug/l	99
46) Dibromomethane	7.580	93	122065	51.115	ug/l	94
47) Bromodichloromethane	7.818	83	232824	52.916	ug/l	98
48) Methyl methacrylate	7.690	41	195504	54.010	ug/l	93
49) 1,4-Dioxane	7.696	88	69992	793.259	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	1160406	255.955	ug/l	97
52) Toluene	8.714	92	418731	47.891	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	262125	57.046	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	286850	55.230	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	175913	50.469	ug/l	96
56) Ethyl methacrylate	9.116	69	275654	53.089	ug/l	93
57) 1,3-Dichloropropane	9.305	76	297512	49.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	648163	249.656	ug/l	96
59) 2-Hexanone	9.427	43	888170	260.775	ug/l	95
60) Dibromochloromethane	9.519	129	186334	55.796	ug/l	98
61) 1,2-Dibromoethane	9.610	107	185506	51.627	ug/l	100
64) Tetrachloroethene	9.269	164	151068	43.500	ug/l	98
65) Chlorobenzene	10.079	112	461606	47.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	172652	50.554	ug/l	99
67) Ethyl Benzene	10.195	91	797318	46.917	ug/l	99
68) m/p-Xylenes	10.299	106	616980	94.748	ug/l	98
69) o-Xylene	10.640	106	307261	48.119	ug/l	98
70) Styrene	10.653	104	520225	50.247	ug/l	97
71) Bromoform	10.799	173	129346	54.450	ug/l	99
73) Isopropylbenzene	10.963	105	775821	46.600	ug/l	100
74) N-amyl acetate	10.842	43	340284	54.388	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	254869	49.322	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	211887m	46.639	ug/l	
77) Bromobenzene	11.195	156	201644	48.725	ug/l	94
78) n-propylbenzene	11.305	91	897779	46.954	ug/l	99
79) 2-Chlorotoluene	11.366	91	551614	46.168	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	667256	47.533	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	77328	55.127	ug/l	98
82) 4-Chlorotoluene	11.451	91	643284	47.937	ug/l	98
83) tert-Butylbenzene	11.713	119	655067	46.508	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	677426	48.028	ug/l	99
85) sec-Butylbenzene	11.890	105	783567	45.353	ug/l	99
86) p-Isopropyltoluene	12.006	119	682227	46.429	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	373857	47.536	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	377154	45.738	ug/l	98
89) n-Butylbenzene	12.335	91	574384	46.305	ug/l	99
90) Hexachloroethane	12.536	117	113409	50.419	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	370319	47.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	53582	51.712	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	241446	48.833	ug/l	99
94) Hexachlorobutadiene	13.725	225	90682	41.789	ug/l	98
95) Naphthalene	13.774	128	775972	50.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	233437	46.900	ug/l	99

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

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