

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032326.D
 Acq On : 22 Oct 2022 07:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 07:31:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	124935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86471	53.204	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.400%			
35) Dibromofluoromethane	5.385	113	69670	49.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.653	98	247672	49.320	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	100088	54.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57574	50.372	ug/l	97
3) Chloromethane	1.294	50	50800	45.736	ug/l	95
4) Vinyl Chloride	1.374	62	58200	47.278	ug/l	97
5) Bromomethane	1.618	94	41774	32.411	ug/l	97
6) Chloroethane	1.691	64	47629	43.492	ug/l	99
7) Trichlorofluoromethane	1.892	101	117036	53.480	ug/l	99
8) Diethyl Ether	2.136	74	37993	51.088	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	60551	51.036	ug/l	98
10) Methyl Iodide	2.453	142	62673	36.554	ug/l	98
11) Tert butyl alcohol	3.014	59	47201	201.761	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	56476	50.645	ug/l	96
13) Acrolein	2.239	56	51434	259.965	ug/l	99
14) Allyl chloride	2.666	41	92757	52.961	ug/l	98
15) Acrylonitrile	3.068	53	147453	241.903	ug/l	99
16) Acetone	2.392	43	131511	249.341	ug/l	96
17) Carbon Disulfide	2.514	76	121774	46.645	ug/l	99
18) Methyl Acetate	2.703	43	89454	49.957	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	210301	54.728	ug/l	97
20) Methylene Chloride	2.794	84	64727	47.794	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	61134	50.334	ug/l	97
22) Diisopropyl ether	3.757	45	208875	54.461	ug/l	97
23) Vinyl Acetate	3.721	43	825029	269.142	ug/l	99
24) 1,1-Dichloroethane	3.611	63	117240	52.907	ug/l	99
25) 2-Butanone	4.562	43	201036	244.132	ug/l	95
26) 2,2-Dichloropropane	4.483	77	74490	46.656	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	74798	52.598	ug/l	98
28) Bromochloromethane	4.897	49	44204	48.350	ug/l	98
29) Tetrahydrofuran	5.013	42	126802	238.414	ug/l	100
30) Chloroform	5.099	83	130791	54.226	ug/l	99
31) Cyclohexane	5.471	56	94760	51.000	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	119176	57.942	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90608	50.492	ug/l	99
37) Ethyl Acetate	4.715	43	83879	47.739	ug/l	99
38) Carbon Tetrachloride	5.678	117	103844	54.816	ug/l	97
39) Methylcyclohexane	7.385	83	104691	48.836	ug/l	99
40) Benzene	6.044	78	257387	49.487	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46918	50.640	ug/l	98
42) 1,2-Dichloroethane	6.092	62	109335	54.881	ug/l	98
43) Isopropyl Acetate	6.342	43	144427	52.372	ug/l	99
44) Trichloroethene	7.129	130	71136	49.667	ug/l	95
45) 1,2-Dichloropropane	7.434	63	67459	51.415	ug/l	99
46) Dibromomethane	7.586	93	50354	51.455	ug/l	98
47) Bromodichloromethane	7.824	83	99656	55.127	ug/l	96
48) Methyl methacrylate	7.696	41	72407	52.648	ug/l	97
49) 1,4-Dioxane	7.708	88	25622	928.289	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	431931	249.864	ug/l	100
52) Toluene	8.720	92	169966	50.447	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	101008	49.600	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	107118	53.179	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	71557	52.282	ug/l	97
56) Ethyl methacrylate	9.116	69	105850	53.698	ug/l	98
57) 1,3-Dichloropropane	9.311	76	115473	52.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	212029	234.669	ug/l	100
59) 2-Hexanone	9.433	43	321385	249.162	ug/l	99
60) Dibromochloromethane	9.525	129	77587	55.310	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75514	52.045	ug/l	99
64) Tetrachloroethene	9.275	164	58879	48.000	ug/l	97
65) Chlorobenzene	10.079	112	189082	49.647	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	73328	53.808	ug/l	99
67) Ethyl Benzene	10.195	91	345190	51.193	ug/l	100
68) m/p-Xylenes	10.299	106	265984	99.886	ug/l	97
69) o-Xylene	10.640	106	131582	51.580	ug/l	99
70) Styrene	10.659	104	223631	51.985	ug/l	99
71) Bromoform	10.799	173	55402	48.008	ug/l #	99
73) Isopropylbenzene	10.963	105	354854	50.437	ug/l	100
74) N-amyl acetate	10.841	43	136243	52.417	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	110335	48.780	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95307m	48.783	ug/l	
77) Bromobenzene	11.201	156	86639	50.240	ug/l	97
78) n-propylbenzene	11.305	91	414564	51.460	ug/l	100
79) 2-Chlorotoluene	11.366	91	250482	51.590	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	312825	51.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27569	44.654	ug/l	99
82) 4-Chlorotoluene	11.457	91	295762	52.322	ug/l	99
83) tert-Butylbenzene	11.713	119	312962	51.472	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	311276	52.685	ug/l	100
85) sec-Butylbenzene	11.890	105	379461	51.641	ug/l	99
86) p-Isopropyltoluene	12.012	119	327504	52.381	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	166608	50.195	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	169336	49.664	ug/l	99
89) n-Butylbenzene	12.335	91	281723	51.157	ug/l	99
90) Hexachloroethane	12.542	117	53983	55.642	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	167072	51.273	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22685	52.495	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	104212	49.127	ug/l	99
94) Hexachlorobutadiene	13.725	225	42686	46.364	ug/l	99
95) Naphthalene	13.774	128	339510	49.972	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	103122	48.332	ug/l	99

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

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