

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032938.D
 Acq On : 18 Nov 2022 20:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 19 03:13:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	97808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71037	52.271	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.540%			
35) Dibromofluoromethane	5.391	113	60734	54.382	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.760%			
50) Toluene-d8	8.647	98	193593	49.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.079	95	81861	53.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46471	41.195	ug/l	98
3) Chloromethane	1.294	50	38393	40.244	ug/l	97
4) Vinyl Chloride	1.374	62	46385	44.179	ug/l	99
5) Bromomethane	1.617	94	45996	54.819	ug/l	98
6) Chloroethane	1.691	64	43741	62.100	ug/l	100
7) Trichlorofluoromethane	1.892	101	95449	47.979	ug/l	99
8) Diethyl Ether	2.130	74	32289	50.084	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	52305	49.814	ug/l	99
10) Methyl Iodide	2.453	142	60813	51.991	ug/l	99
11) Tert butyl alcohol	2.995	59	45228m	228.651	ug/l	
12) 1,1-Dichloroethene	2.319	96	46328	47.231	ug/l	96
13) Acrolein	2.239	56	53171	269.263	ug/l	98
14) Allyl chloride	2.666	41	78247	50.043	ug/l	98
15) Acrylonitrile	3.062	53	129358	240.969	ug/l	99
16) Acetone	2.386	43	111596	225.930	ug/l	96
17) Carbon Disulfide	2.514	76	93260	39.918	ug/l	100
18) Methyl Acetate	2.703	43	87107	54.231	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	187838	54.485	ug/l	100
20) Methylene Chloride	2.788	84	55928	49.384	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	51087	47.848	ug/l	97
22) Diisopropyl ether	3.757	45	190338	56.279	ug/l	91
23) Vinyl Acetate	3.721	43	704171	257.708	ug/l	100
24) 1,1-Dichloroethane	3.611	63	105134	54.044	ug/l	99
25) 2-Butanone	4.562	43	176568	230.732	ug/l	97
26) 2,2-Dichloropropane	4.483	77	77803	50.312	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66428	53.826	ug/l	99
28) Bromochloromethane	4.897	49	33383	48.177	ug/l	99
29) Tetrahydrofuran	5.007	42	112123	229.773	ug/l	99
30) Chloroform	5.092	83	121297	56.824	ug/l	99
31) Cyclohexane	5.470	56	76727	46.564	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	105460	55.055	ug/l	100
36) 1,1-Dichloropropene	5.696	75	77183	49.629	ug/l	99
37) Ethyl Acetate	4.708	43	72090	44.533	ug/l	99
38) Carbon Tetrachloride	5.678	117	90482	52.456	ug/l	99
39) Methylcyclohexane	7.379	83	81985	44.556	ug/l	99
40) Benzene	6.037	78	226387	51.441	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43045	52.198	ug/l	98
42) 1,2-Dichloroethane	6.086	62	96691	53.747	ug/l	99
43) Isopropyl Acetate	6.336	43	124758	50.194	ug/l	100
44) Trichloroethene	7.129	130	63347	51.132	ug/l	96
45) 1,2-Dichloropropane	7.433	63	61367	54.321	ug/l	100
46) Dibromomethane	7.586	93	45345	52.338	ug/l	98
47) Bromodichloromethane	7.824	83	93857	57.158	ug/l	100
48) Methyl methacrylate	7.696	41	64038	49.886	ug/l	99
49) 1,4-Dioxane	7.696	88	21658	885.310	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	390724	249.572	ug/l	99
52) Toluene	8.720	92	150524	52.424	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	92796	55.388	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98525	54.981	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	66590	55.068	ug/l	99
56) Ethyl methacrylate	9.116	69	94028	54.034	ug/l	99
57) 1,3-Dichloropropane	9.311	76	106486	54.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	219984	262.542	ug/l	100
59) 2-Hexanone	9.433	43	282853	243.487	ug/l	99
60) Dibromochloromethane	9.518	129	74302	56.256	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67599	52.760	ug/l	99
64) Tetrachloroethene	9.275	164	54062	50.753	ug/l	96
65) Chlorobenzene	10.079	112	171705	52.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	68312	55.677	ug/l	99
67) Ethyl Benzene	10.195	91	305120	52.340	ug/l	100
68) m/p-Xylenes	10.299	106	236492	104.472	ug/l	100
69) o-Xylene	10.640	106	118375	53.784	ug/l	99
70) Styrene	10.658	104	201140	54.990	ug/l	99
71) Bromoform	10.799	173	53609	55.263	ug/l #	100
73) Isopropylbenzene	10.963	105	319939	51.344	ug/l	100
74) N-amyl acetate	10.841	43	114801	48.760	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	99196	49.595	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88888m	50.809	ug/l	
77) Bromobenzene	11.201	156	79023	51.728	ug/l	99
78) n-propylbenzene	11.305	91	364786	50.811	ug/l	100
79) 2-Chlorotoluene	11.366	91	222821	51.825	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	273225	51.304	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25128	45.704	ug/l	99
82) 4-Chlorotoluene	11.457	91	257608	51.204	ug/l	99
83) tert-Butylbenzene	11.713	119	277987	52.283	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	273848	51.700	ug/l	100
85) sec-Butylbenzene	11.890	105	331727	51.851	ug/l	100
86) p-Isopropyltoluene	12.012	119	279900	51.560	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	148426	51.507	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	150279	50.268	ug/l	99
89) n-Butylbenzene	12.335	91	240067	50.832	ug/l	99
90) Hexachloroethane	12.536	117	46849	52.834	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	148100	52.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20043	45.703	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	91940	49.625	ug/l	98
94) Hexachlorobutadiene	13.725	225	38097	49.236	ug/l	99
95) Naphthalene	13.774	128	297949	48.264	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	93413	49.601	ug/l	99

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

