

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033056.D
 Acq On : 24 Nov 2022 11:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 25 06:40:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65165	49.077	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.160%		
35) Dibromofluoromethane	5.385	113	57131	45.659	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.320%		
50) Toluene-d8	8.647	98	174332	46.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.280%		
62) 4-Bromofluorobenzene	11.079	95	75833	46.137	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	52030	50.177	ug/l	97
3) Chloromethane	1.294	50	56752	50.698	ug/l	97
4) Vinyl Chloride	1.374	62	65159	52.277	ug/l	98
5) Bromomethane	1.617	94	29871	32.318	ug/l	96
6) Chloroethane	1.691	64	44983	44.331	ug/l	96
7) Trichlorofluoromethane	1.892	101	120613	49.859	ug/l	97
8) Diethyl Ether	2.136	74	42340	55.593	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	66312	52.153	ug/l	98
10) Methyl Iodide	2.453	142	45006	30.920	ug/l	98
11) Tert butyl alcohol	3.032	59	64055m	305.714	ug/l	
12) 1,1-Dichloroethene	2.325	96	64510	54.465	ug/l	99
13) Acrolein	2.245	56	56617	235.245	ug/l	99
14) Allyl chloride	2.666	41	100233	52.417	ug/l	96
15) Acrylonitrile	3.068	53	162845	274.779	ug/l	99
16) Acetone	2.398	43	142598	231.006	ug/l	99
17) Carbon Disulfide	2.514	76	160055	48.911	ug/l	100
18) Methyl Acetate	2.709	43	93982	55.000	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	224904	54.752	ug/l	99
20) Methylene Chloride	2.794	84	71863	56.108	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	69948	51.627	ug/l	98
22) Diisopropyl ether	3.757	45	226633	54.430	ug/l #	88
23) Vinyl Acetate	3.721	43	876515	268.929	ug/l	99
24) 1,1-Dichloroethane	3.611	63	126386	53.043	ug/l	100
25) 2-Butanone	4.568	43	221604	260.346	ug/l	98
26) 2,2-Dichloropropane	4.477	77	77718	40.566	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	82110	53.340	ug/l	97
28) Bromochloromethane	4.897	49	55790	53.288	ug/l	97
29) Tetrahydrofuran	5.013	42	145045	268.544	ug/l	99
30) Chloroform	5.092	83	139477	52.266	ug/l	98
31) Cyclohexane	5.470	56	110710	51.693	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	124651	52.158	ug/l	99
36) 1,1-Dichloropropene	5.696	75	97953	48.959	ug/l	99
37) Ethyl Acetate	4.715	43	90734	51.982	ug/l	100
38) Carbon Tetrachloride	5.678	117	108959	49.093	ug/l	98
39) Methylcyclohexane	7.385	83	108573	47.562	ug/l	99
40) Benzene	6.037	78	285484	50.893	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52284	53.234	ug/l	97
42) 1,2-Dichloroethane	6.086	62	112013	49.594	ug/l	99
43) Isopropyl Acetate	6.342	43	148251	51.357	ug/l	99
44) Trichloroethene	7.123	130	76509	48.606	ug/l	93
45) 1,2-Dichloropropane	7.434	63	71159	51.331	ug/l	99
46) Dibromomethane	7.580	93	53140	49.127	ug/l	98
47) Bromodichloromethane	7.824	83	106149	50.786	ug/l	98
48) Methyl methacrylate	7.696	41	75761	50.987	ug/l	97
49) 1,4-Dioxane	7.726	88	33454	1223.089	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	467308	262.344	ug/l	98
52) Toluene	8.720	92	185992	50.398	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	106040	47.301	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112317	49.846	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	77016	51.258	ug/l	98
56) Ethyl methacrylate	9.116	69	111581	53.899	ug/l	96
57) 1,3-Dichloropropane	9.311	76	123848	51.059	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	254632	259.022	ug/l	100
59) 2-Hexanone	9.433	43	344524	261.824	ug/l	97
60) Dibromochloromethane	9.519	129	83727	51.758	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81525	51.406	ug/l	99
64) Tetrachloroethene	9.275	164	67006	46.706	ug/l	96
65) Chlorobenzene	10.079	112	201018	49.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	77536	52.368	ug/l	99
67) Ethyl Benzene	10.195	91	368429	51.400	ug/l	99
68) m/p-Xylenes	10.299	106	287364	102.378	ug/l	99
69) o-Xylene	10.640	106	140903	51.882	ug/l	98
70) Styrene	10.652	104	234321	52.738	ug/l	99
71) Bromoform	10.799	173	59267	52.209	ug/l #	100
73) Isopropylbenzene	10.963	105	369869	50.087	ug/l	99
74) N-amyl acetate	10.841	43	134408	53.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	112475	50.464	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100261m	51.230	ug/l	
77) Bromobenzene	11.201	156	90577	49.874	ug/l	99
78) n-propylbenzene	11.305	91	425688	50.418	ug/l	100
79) 2-Chlorotoluene	11.366	91	254190	49.569	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	316264	50.981	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28604	47.507	ug/l	98
82) 4-Chlorotoluene	11.457	91	295259	49.134	ug/l	99
83) tert-Butylbenzene	11.713	119	313645	50.792	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	317163	51.274	ug/l	100
85) sec-Butylbenzene	11.890	105	374723	50.722	ug/l	99
86) p-Isopropyltoluene	12.012	119	315635	50.427	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	168447	49.450	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	168643	48.341	ug/l	99
89) n-Butylbenzene	12.335	91	262626	48.705	ug/l	99
90) Hexachloroethane	12.536	117	50523	49.131	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	164346	49.597	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23172	52.108	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	98732	48.336	ug/l	99
94) Hexachlorobutadiene	13.725	225	39727	44.085	ug/l	99
95) Naphthalene	13.774	128	349297	52.860	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100176	48.905	ug/l	100

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

