

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033032.D
 Acq On : 23 Nov 2022 20:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 24 04:08:13 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	125644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63389	51.740	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.480%			
35) Dibromofluoromethane	5.391	113	52783	46.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.320%			
50) Toluene-d8	8.647	98	167726	49.244	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.480%			
62) 4-Bromofluorobenzene	11.079	95	73640	49.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46842	48.799	ug/l	96
3) Chloromethane	1.294	50	49626	47.889	ug/l	98
4) Vinyl Chloride	1.374	62	57449	49.789	ug/l	99
5) Bromomethane	1.618	94	23231	27.151	ug/l	99
6) Chloroethane	1.691	64	48424	51.551	ug/l	100
7) Trichlorofluoromethane	1.886	101	123337	55.076	ug/l	99
8) Diethyl Ether	2.136	74	38916	55.197	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	62259	52.894	ug/l	99
10) Methyl Iodide	2.453	142	39082	29.005	ug/l	100
11) Tert butyl alcohol	3.038	59	64345m	331.740	ug/l	
12) 1,1-Dichloroethene	2.319	96	58328	53.197	ug/l	92
13) Acrolein	2.239	56	43264	194.188	ug/l	100
14) Allyl chloride	2.666	41	93130	52.611	ug/l	100
15) Acrylonitrile	3.069	53	156391	285.064	ug/l	98
16) Acetone	2.398	43	137796	241.139	ug/l	98
17) Carbon Disulfide	2.514	76	148065	48.878	ug/l	99
18) Methyl Acetate	2.709	43	88478	55.934	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	210141	55.263	ug/l	98
20) Methylene Chloride	2.794	84	65276	55.030	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	64404	51.349	ug/l	98
22) Diisopropyl ether	3.764	45	217944	56.543	ug/l	99
23) Vinyl Acetate	3.721	43	859851	284.985	ug/l	100
24) 1,1-Dichloroethane	3.611	63	118743	53.835	ug/l	99
25) 2-Butanone	4.568	43	224214	284.549	ug/l	97
26) 2,2-Dichloropropane	4.477	77	90202	50.860	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	77302	54.246	ug/l	99
28) Bromochloromethane	4.904	49	51881	53.531	ug/l	99
29) Tetrahydrofuran	5.013	42	147493	294.989	ug/l	99
30) Chloroform	5.093	83	136554	55.276	ug/l	98
31) Cyclohexane	5.471	56	104033	52.473	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	122057	55.171	ug/l	100
36) 1,1-Dichloropropene	5.696	75	95425	52.754	ug/l	99
37) Ethyl Acetate	4.715	43	88982	56.385	ug/l	99
38) Carbon Tetrachloride	5.678	117	106314	52.981	ug/l	98
39) Methylcyclohexane	7.385	83	107568	52.119	ug/l	98
40) Benzene	6.038	78	270764	53.388	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51651	58.167	ug/l	96
42) 1,2-Dichloroethane	6.086	62	110058	53.897	ug/l	100
43) Isopropyl Acetate	6.342	43	146780	56.240	ug/l	99
44) Trichloroethene	7.123	130	75681	53.179	ug/l	97
45) 1,2-Dichloropropane	7.434	63	69805	55.695	ug/l	100
46) Dibromomethane	7.580	93	52544	53.728	ug/l	98
47) Bromodichloromethane	7.824	83	105463	55.809	ug/l	97
48) Methyl methacrylate	7.696	41	76076	56.629	ug/l	99
49) 1,4-Dioxane	7.726	88	32180	1301.284	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	478191	296.924	ug/l	100
52) Toluene	8.720	92	181840	54.498	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	106517	52.385	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	112192	55.071	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	73878	54.384	ug/l	99
56) Ethyl methacrylate	9.116	69	110101	58.824	ug/l	98
57) 1,3-Dichloropropane	9.311	76	120200	54.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	259403	291.860	ug/l	99
59) 2-Hexanone	9.433	43	359354	302.057	ug/l	99
60) Dibromochloromethane	9.519	129	83585	57.150	ug/l	100
61) 1,2-Dibromoethane	9.610	107	79755	55.623	ug/l	99
64) Tetrachloroethene	9.275	164	65898	49.999	ug/l	98
65) Chlorobenzene	10.079	112	196213	52.855	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	75384	55.420	ug/l	99
67) Ethyl Benzene	10.195	91	361583	54.908	ug/l	100
68) m/p-Xylenes	10.305	106	283317	109.868	ug/l	100
69) o-Xylene	10.640	106	138129	55.361	ug/l	99
70) Styrene	10.659	104	231698	56.762	ug/l	99
71) Bromoform	10.799	173	59901	57.437	ug/l #	99
73) Isopropylbenzene	10.963	105	373169	53.166	ug/l	100
74) N-amyl acetate	10.842	43	138279	57.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	116744	55.108	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	101841m	54.747	ug/l	
77) Bromobenzene	11.201	156	89414	51.798	ug/l	98
78) n-propylbenzene	11.305	91	429855	53.564	ug/l	100
79) 2-Chlorotoluene	11.366	91	256949	52.717	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	321713	54.561	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25528	44.607	ug/l	98
82) 4-Chlorotoluene	11.457	91	301767	52.833	ug/l	100
83) tert-Butylbenzene	11.713	119	317500	54.094	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	316719	53.869	ug/l	100
85) sec-Butylbenzene	11.890	105	378749	53.938	ug/l	100
86) p-Isopropyltoluene	12.012	119	322882	54.272	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	169594	52.380	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	171606	51.752	ug/l	99
89) n-Butylbenzene	12.335	91	274832	53.623	ug/l	100
90) Hexachloroethane	12.536	117	48975	50.106	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164955	52.373	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24988	59.118	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	102135	52.606	ug/l	98
94) Hexachlorobutadiene	13.725	225	41936	48.960	ug/l	99
95) Naphthalene	13.774	128	350036	55.731	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102645	52.721	ug/l	99

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

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