

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032980.D
 Acq On : 22 Nov 2022 15:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 23 05:48:55 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 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	121972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64537	54.426	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.860%			
35) Dibromofluoromethane	5.385	113	52988	48.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.680%			
50) Toluene-d8	8.647	98	168298	51.073	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.079	95	74413	51.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	42351	45.448	ug/l	97
3) Chloromethane	1.294	50	47213	46.932	ug/l	98
4) Vinyl Chloride	1.374	62	51404	45.892	ug/l	98
5) Bromomethane	1.617	94	39455	47.501	ug/l	97
6) Chloroethane	1.691	64	45423	49.812	ug/l	99
7) Trichlorofluoromethane	1.892	101	104351	48.001	ug/l	99
8) Diethyl Ether	2.129	74	36373	53.144	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	55176	48.288	ug/l	99
10) Methyl Iodide	2.453	142	67249	51.411	ug/l	100
11) Tert butyl alcohol	3.013	59	56370m	299.373	ug/l	
12) 1,1-Dichloroethene	2.318	96	51788	48.654	ug/l	91
13) Acrolein	2.239	56	56075	259.266	ug/l	100
14) Allyl chloride	2.666	41	85260	49.615	ug/l	98
15) Acrylonitrile	3.068	53	148715	279.233	ug/l	99
16) Acetone	2.392	43	138341	249.381	ug/l	99
17) Carbon Disulfide	2.514	76	132089	44.917	ug/l	99
18) Methyl Acetate	2.709	43	85231	55.504	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	199142	53.947	ug/l	100
20) Methylene Chloride	2.788	84	61748	53.588	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	59115	48.551	ug/l	98
22) Diisopropyl ether	3.757	45	203190	54.302	ug/l #	87
23) Vinyl Acetate	3.721	43	820726	280.207	ug/l	100
24) 1,1-Dichloroethane	3.611	63	108783	50.804	ug/l	99
25) 2-Butanone	4.562	43	214793	280.799	ug/l	100
26) 2,2-Dichloropropane	4.477	77	86318	50.136	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	70762	51.151	ug/l	99
28) Bromochloromethane	4.897	49	48473	51.520	ug/l	99
29) Tetrahydrofuran	5.007	42	140094	288.626	ug/l	100
30) Chloroform	5.092	83	124118	51.755	ug/l	97
31) Cyclohexane	5.470	56	94019	48.850	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	108139	50.351	ug/l	100
36) 1,1-Dichloropropene	5.690	75	84943	48.462	ug/l	99
37) Ethyl Acetate	4.714	43	86454	56.536	ug/l	98
38) Carbon Tetrachloride	5.678	117	94282	48.488	ug/l	98
39) Methylcyclohexane	7.379	83	98948	49.477	ug/l	99
40) Benzene	6.037	78	248475	50.561	ug/l	99

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41) Methacrylonitrile	4.916	41	48784	56.696	ug/l	98
42) 1,2-Dichloroethane	6.086	62	105715	53.426	ug/l	99
43) Isopropyl Acetate	6.336	43	141495	55.949	ug/l	99
44) Trichloroethene	7.122	130	68128	49.403	ug/l	96
45) 1,2-Dichloropropane	7.427	63	64333	52.971	ug/l	99
46) Dibromomethane	7.580	93	49767	52.516	ug/l	99
47) Bromodichloromethane	7.824	83	97670	53.339	ug/l	97
48) Methyl methacrylate	7.689	41	74372	57.132	ug/l	98
49) 1,4-Dioxane	7.720	88	31264	1304.691	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	456078	292.254	ug/l	100
52) Toluene	8.720	92	165044	51.047	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	100468	51.031	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107854	54.636	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	70744	53.743	ug/l	100
56) Ethyl methacrylate	9.116	69	103856	57.263	ug/l	99
57) 1,3-Dichloropropane	9.311	76	114757	54.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238722	277.184	ug/l	100
59) 2-Hexanone	9.433	43	342961	297.501	ug/l	100
60) Dibromochloromethane	9.518	129	77444	54.645	ug/l	100
61) 1,2-Dibromoethane	9.610	107	76453	55.026	ug/l	99
64) Tetrachloroethene	9.275	164	60854	47.000	ug/l	96
65) Chlorobenzene	10.079	112	181583	49.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69904	52.314	ug/l	98
67) Ethyl Benzene	10.195	91	330967	51.161	ug/l	99
68) m/p-Xylenes	10.299	106	258359	101.988	ug/l	99
69) o-Xylene	10.640	106	126443	51.587	ug/l	99
70) Styrene	10.652	104	215333	53.700	ug/l	100
71) Bromoform	10.799	173	56564	55.211	ug/l #	98
73) Isopropylbenzene	10.963	105	338660	49.235	ug/l	99
74) N-amyl acetate	10.841	43	131668	56.270	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	107947	51.996	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99822m	54.758	ug/l	
77) Bromobenzene	11.201	156	82747	48.914	ug/l	98
78) n-propylbenzene	11.305	91	394770	50.197	ug/l	100
79) 2-Chlorotoluene	11.366	91	235587	49.322	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	294654	50.992	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30310	54.044	ug/l	98
82) 4-Chlorotoluene	11.451	91	279833	49.993	ug/l	99
83) tert-Butylbenzene	11.713	119	286353	49.784	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	293379	50.918	ug/l	99
85) sec-Butylbenzene	11.890	105	348364	50.624	ug/l	100
86) p-Isopropyltoluene	12.012	119	295792	50.734	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	157416	49.612	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	158016	48.627	ug/l	99
89) n-Butylbenzene	12.335	91	255453	50.860	ug/l	100
90) Hexachloroethane	12.536	117	48117	50.234	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	154385	50.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22627	54.626	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	94561	49.700	ug/l	99
94) Hexachlorobutadiene	13.725	225	38438	45.792	ug/l	99
95) Naphthalene	13.774	128	321702	52.265	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	93789	49.156	ug/l	99

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

