

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034682.D
 Acq On : 22 Mar 2023 19:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

Quant Time: Mar 23 07:56:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	300057	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	510499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	234569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	227272	52.064	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.120%			
35) Dibromofluoromethane	5.385	113	170207	50.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.647	98	591223	46.988	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.980%			
62) 4-Bromofluorobenzene	11.079	95	250598	49.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	167824	59.995	ug/l	98
3) Chloromethane	1.313	50	211780	49.979	ug/l	100
4) Vinyl Chloride	1.374	62	195990	51.456	ug/l	99
5) Bromomethane	1.599	94	83349	43.371	ug/l	98
6) Chloroethane	1.679	64	120510	54.951	ug/l	100
7) Trichlorofluoromethane	1.880	101	258764	45.213	ug/l	99
8) Diethyl Ether	2.130	74	107522	51.465	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	148869	44.634	ug/l	99
10) Methyl Iodide	2.447	142	210603	48.094	ug/l	92
11) Tert butyl alcohol	2.965	59	242874	267.181	ug/l	99
12) 1,1-Dichloroethene	2.319	96	152416	46.400	ug/l	94
13) Acrolein	2.233	56	165450	230.071	ug/l	100
14) Allyl chloride	2.660	41	311622	46.793	ug/l	98
15) Acrylonitrile	3.062	53	518441	264.018	ug/l	99
16) Acetone	2.380	43	478011	232.469	ug/l	96
17) Carbon Disulfide	2.508	76	373848	40.442	ug/l	100
18) Methyl Acetate	2.703	43	380528	56.637	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	615275	52.314	ug/l	98
20) Methylene Chloride	2.788	84	184847	46.319	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	169207	48.504	ug/l	99
22) Diisopropyl ether	3.764	45	630059	49.622	ug/l	87
23) Vinyl Acetate	3.721	43	2392754	247.612	ug/l	99
24) 1,1-Dichloroethane	3.611	63	339032	49.672	ug/l	98
25) 2-Butanone	4.556	43	750406	255.050	ug/l	98
26) 2,2-Dichloropropane	4.477	77	260371	43.886	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	202981	48.335	ug/l	98
28) Bromochloromethane	4.898	49	151572	47.761	ug/l	98
29) Tetrahydrofuran	5.001	42	488797	269.235	ug/l	99
30) Chloroform	5.093	83	345700	51.670	ug/l	98
31) Cyclohexane	5.471	56	270452	44.177	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	303234	51.197	ug/l	99
36) 1,1-Dichloropropene	5.690	75	246603	47.635	ug/l	99
37) Ethyl Acetate	4.715	43	292081	51.644	ug/l	99
38) Carbon Tetrachloride	5.678	117	253508	49.224	ug/l	96
39) Methylcyclohexane	7.379	83	264550	42.701	ug/l	97
40) Benzene	6.038	78	727031	48.006	ug/l	100

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41) Methacrylonitrile	4.916	41	163400	52.718	ug/l	98
42) 1,2-Dichloroethane	6.086	62	298017	53.543	ug/l	99
43) Isopropyl Acetate	6.342	43	483011	50.413	ug/l	99
44) Trichloroethene	7.123	130	185002	47.015	ug/l	99
45) 1,2-Dichloropropane	7.428	63	192370	48.648	ug/l	99
46) Dibromomethane	7.580	93	133251	49.566	ug/l	99
47) Bromodichloromethane	7.824	83	260720	50.110	ug/l	98
48) Methyl methacrylate	7.690	41	247095	53.623	ug/l	98
49) 1,4-Dioxane	7.659	88	112108	1158.313	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1472427	264.916	ug/l	100
52) Toluene	8.720	92	459710	49.030	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	289234	49.343	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	311536	49.125	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	189822	51.013	ug/l	99
56) Ethyl methacrylate	9.116	69	315692	51.672	ug/l	99
57) 1,3-Dichloropropane	9.305	76	333114	50.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	715546	227.258	ug/l	99
59) 2-Hexanone	9.427	43	1131954	263.460	ug/l	99
60) Dibromochloromethane	9.519	129	194602	49.864	ug/l	99
61) 1,2-Dibromoethane	9.610	107	200526	49.939	ug/l	100
64) Tetrachloroethene	9.275	164	145878	47.084	ug/l	98
65) Chlorobenzene	10.080	112	493056	48.723	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	184932	50.176	ug/l	98
67) Ethyl Benzene	10.195	91	882505	48.713	ug/l	99
68) m/p-Xylenes	10.299	106	673857	96.828	ug/l	99
69) o-Xylene	10.640	106	339084	48.552	ug/l	98
70) Styrene	10.653	104	572062	50.769	ug/l	99
71) Bromoform	10.799	173	141513	49.880	ug/l	99
73) Isopropylbenzene	10.964	105	863637	47.638	ug/l	99
74) N-amyl acetate	10.842	43	445535	51.309	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	306965	50.741	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	289777m	53.802	ug/l	
77) Bromobenzene	11.195	156	212566	48.870	ug/l	99
78) n-propylbenzene	11.305	91	993075	47.431	ug/l	99
79) 2-Chlorotoluene	11.366	91	629731	48.700	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	744141	48.936	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	87381	43.890	ug/l	95
82) 4-Chlorotoluene	11.451	91	728982	48.943	ug/l	100
83) tert-Butylbenzene	11.713	119	723584	47.195	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	756961	48.708	ug/l	99
85) sec-Butylbenzene	11.890	105	859104	45.834	ug/l	99
86) p-Isopropyltoluene	12.012	119	739756	46.960	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	404108	47.417	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	405170	47.017	ug/l	100
89) n-Butylbenzene	12.335	91	618588	44.171	ug/l	99
90) Hexachloroethane	12.536	117	123094	42.229	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	405296	49.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	70055	50.968	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	240670	46.728	ug/l	99
94) Hexachlorobutadiene	13.725	225	90041	43.395	ug/l	98
95) Naphthalene	13.774	128	865844	50.132	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	238029	47.279	ug/l	99

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

