

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029731.D
 Acq On : 23 Jun 2022 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 24 05:36:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	247421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	411329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144937	44.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.500%		
35) Dibromofluoromethane	5.385	113	133999	49.989	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	8.647	98	499940	51.053	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.100%		
62) 4-Bromofluorobenzene	11.079	95	193162	52.306	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	165525	55.242	ug/l	98
3) Chloromethane	1.288	50	144852	44.874	ug/l	100
4) Vinyl Chloride	1.374	62	151426	50.952	ug/l	99
5) Bromomethane	1.612	94	65451	43.166	ug/l	99
6) Chloroethane	1.685	64	87226	49.072	ug/l	97
7) Trichlorofluoromethane	1.886	101	214125	51.715	ug/l	96
8) Diethyl Ether	2.136	74	82314	50.462	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	143684	55.343	ug/l	99
10) Methyl Iodide	2.453	142	128495	43.813	ug/l	100
11) Tert butyl alcohol	3.002	59	152393	212.114	ug/l	98
12) 1,1-Dichloroethene	2.319	96	138912	55.418	ug/l	92
13) Acrolein	2.239	56	40523	224.607	ug/l	97
14) Allyl chloride	2.666	41	207714	51.324	ug/l	95
15) Acrylonitrile	3.062	53	391312	255.439	ug/l	98
16) Acetone	2.386	43	361700	277.068	ug/l	100
17) Carbon Disulfide	2.514	76	343733	52.895	ug/l	100
18) Methyl Acetate	2.703	43	173339	50.221	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	457633	52.588	ug/l	99
20) Methylene Chloride	2.788	84	149624	51.460	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	149683	54.635	ug/l	95
22) Diisopropyl ether	3.757	45	405406	50.637	ug/l #	86
23) Vinyl Acetate	3.721	43	1716235	256.777	ug/l	100
24) 1,1-Dichloroethane	3.611	63	252421	52.426	ug/l	98
25) 2-Butanone	4.556	43	534004	258.788	ug/l	99
26) 2,2-Dichloropropane	4.477	77	203339	54.261	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	173287	54.140	ug/l	93
28) Bromochloromethane	4.891	49	87536	47.586	ug/l	96
29) Tetrahydrofuran	5.007	42	331791	241.268	ug/l	97
30) Chloroform	5.093	83	262574	51.533	ug/l	98
31) Cyclohexane	5.471	56	235525	53.564	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	233932	52.051	ug/l	97
36) 1,1-Dichloropropene	5.690	75	201139	55.440	ug/l	98
37) Ethyl Acetate	4.715	43	190873	51.326	ug/l	98
38) Carbon Tetrachloride	5.678	117	196210	54.996	ug/l	98
39) Methylcyclohexane	7.379	83	265410	58.677	ug/l	96
40) Benzene	6.038	78	599485	55.744	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	102806	52.472	ug/l	98
42) 1,2-Dichloroethane	6.086	62	190442	51.514	ug/l	97
43) Isopropyl Acetate	6.342	43	306225	52.955	ug/l	99
44) Trichloroethene	7.129	130	171488	56.418	ug/l	100
45) 1,2-Dichloropropane	7.434	63	145531	55.177	ug/l	98
46) Dibromomethane	7.580	93	105197	55.493	ug/l	96
47) Bromodichloromethane	7.824	83	196397	53.764	ug/l	100
48) Methyl methacrylate	7.690	41	147423	51.995	ug/l	95
49) 1,4-Dioxane	7.684	88	72393	990.307	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	958990	257.292	ug/l	100
52) Toluene	8.720	92	390257	56.671	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	214370	58.073	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	238248	57.638	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	151639	54.461	ug/l	96
56) Ethyl methacrylate	9.116	69	239855	57.022	ug/l	97
57) 1,3-Dichloropropane	9.311	76	251204	54.170	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	486918	246.369	ug/l	95
59) 2-Hexanone	9.433	43	756497	268.030	ug/l	98
60) Dibromochloromethane	9.525	129	151881	56.184	ug/l	97
61) 1,2-Dibromoethane	9.610	107	162851	56.414	ug/l	98
64) Tetrachloroethene	9.275	164	153814	58.468	ug/l	98
65) Chlorobenzene	10.080	112	413197	57.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	145254	56.675	ug/l	99
67) Ethyl Benzene	10.195	91	738994	57.552	ug/l	98
68) m/p-Xylenes	10.305	106	579520	115.731	ug/l	100
69) o-Xylene	10.640	106	285070	57.621	ug/l	100
70) Styrene	10.659	104	478281	59.044	ug/l	99
71) Bromoform	10.799	173	103691	57.062	ug/l	98
73) Isopropylbenzene	10.964	105	742505	55.237	ug/l	99
74) N-amyl acetate	10.842	43	252503	54.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	222923	51.295	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	207487m	53.126	ug/l	
77) Bromobenzene	11.201	156	173058	56.410	ug/l	98
78) n-propylbenzene	11.305	91	855172	56.486	ug/l	99
79) 2-Chlorotoluene	11.366	91	511913	54.608	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	634486	56.048	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	65089	55.442	ug/l	95
82) 4-Chlorotoluene	11.457	91	591112	55.295	ug/l	99
83) tert-Butylbenzene	11.713	119	617488	55.943	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	632808	56.048	ug/l	100
85) sec-Butylbenzene	11.890	105	776583	56.770	ug/l	100
86) p-Isopropyltoluene	12.012	119	662415	57.832	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	332429	56.883	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	333500	57.155	ug/l	98
89) n-Butylbenzene	12.335	91	564315	58.375	ug/l	99
90) Hexachloroethane	12.543	117	94836	57.823	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	320270	55.752	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48550	50.418	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	207904	59.348	ug/l	99
94) Hexachlorobutadiene	13.725	225	81748	56.997	ug/l	94
95) Naphthalene	13.774	128	748169	59.494	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	205930	58.695	ug/l	94

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

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