

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022910.D
 Acq On : 25 Jun 2021 08:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 6/25/2021 6:41:34 PM

Quant Time: Jun 25 09:02:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	62407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	123982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57216	50.519	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.040%	
35) Dibromofluoromethane	5.397	113	39904	50.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.360%	
50) Toluene-d8	8.653	98	156713	50.788	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	11.085	95	57690	50.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	45027	51.138	ug/l	100
3) Chloromethane	1.294	50	48073	49.721	ug/l	99
4) Vinyl Chloride	1.374	62	45685	51.206	ug/l	97
5) Bromomethane	1.599	94	26007	52.913	ug/l	89
6) Chloroethane	1.685	64	27834	50.480	ug/l	99
7) Trichlorofluoromethane	1.886	101	65027	50.172	ug/l	99
8) Diethyl Ether	2.136	74	25326	50.626	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	40545	49.964	ug/l	91
10) Methyl Iodide	2.453	142	43208	44.725	ug/l	94
11) Tert butyl alcohol	2.977	59	56026	237.358	ug/l	97
12) 1,1-Dichloroethene	2.319	96	41562	51.335	ug/l	92
13) Acrolein	2.239	56	32471	221.184	ug/l	99
14) Allyl chloride	2.666	41	75916	49.355	ug/l	93
15) Acrylonitrile	3.068	53	144009	266.887	ug/l	99
16) Acetone	2.386	43	125617	250.187	ug/l	94
17) Carbon Disulfide	2.514	76	98878	45.186	ug/l	98
18) Methyl Acetate	2.709	43	63634	51.499	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	152067	52.376	ug/l	96
20) Methylene Chloride	2.794	84	49210	49.421	ug/l #	79
21) trans-1,2-Dichloroethene	3.099	96	45760	50.948	ug/l	98
22) Diisopropyl ether	3.770	45	170721	53.359	ug/l #	93
23) Vinyl Acetate	3.733	43	740224	275.792	ug/l	94
24) 1,1-Dichloroethane	3.617	63	88367	51.697	ug/l	97
25) 2-Butanone	4.568	43	205207	262.821	ug/l	91
26) 2,2-Dichloropropane	4.489	77	39714	30.617	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	52886	53.054	ug/l	100
28) Bromochloromethane	4.903	49	42602	52.903	ug/l #	77
29) Tetrahydrofuran	5.019	42	137012	272.814	ug/l #	86
30) Chloroform	5.105	83	89837	52.251	ug/l	100
31) Cyclohexane	5.477	56	79957	50.006	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	73772	53.404	ug/l	96
36) 1,1-Dichloropropene	5.702	75	65663	49.862	ug/l	97
37) Ethyl Acetate	4.727	43	78950	51.756	ug/l	94
38) Carbon Tetrachloride	5.684	117	61719	55.878	ug/l	90
39) Methylcyclohexane	7.385	83	75008	48.828	ug/l	96
40) Benzene	6.050	78	199840	52.626	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	43589	51.869	ug/l	91
42) 1,2-Dichloroethane	6.098	62	74825	53.557	ug/l	96
43) Isopropyl Acetate	6.348	43	131703	53.702	ug/l #	91
44) Trichloroethene	7.129	130	49704	55.194	ug/l	93
45) 1,2-Dichloropropane	7.440	63	51953	53.044	ug/l	99
46) Dibromomethane	7.586	93	34184	52.607	ug/l #	85
47) Bromodichloromethane	7.830	83	65549	49.666	ug/l	99
48) Methyl methacrylate	7.696	41	60546	53.342	ug/l	88
49) 1,4-Dioxane	7.665	88	24603	1006.939	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	425571	278.815	ug/l	88
52) Toluene	8.726	92	123626	53.856	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	66877	43.326	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	74664	45.082	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	49357	53.591	ug/l	99
56) Ethyl methacrylate	9.122	69	82916	48.822	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	88355	52.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	206722	244.742	ug/l	94
59) 2-Hexanone	9.433	43	320585	276.851	ug/l	87
60) Dibromochloromethane	9.525	129	43467	48.316	ug/l	97
61) 1,2-Dibromoethane	9.616	107	49601	53.028	ug/l	100
64) Tetrachloroethene	9.275	164	42684	52.120	ug/l #	86
65) Chlorobenzene	10.085	112	123007	50.121	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	42273	53.299	ug/l	97
67) Ethyl Benzene	10.195	91	233409	51.648	ug/l	98
68) m/p-Xylenes	10.305	106	168722	100.534	ug/l	94
69) o-Xylene	10.646	106	82733	50.651	ug/l	94
70) Styrene	10.659	104	140940	51.985	ug/l	96
71) Bromoform	10.805	173	24290	43.320	ug/l #	96
73) Isopropylbenzene	10.963	105	218235	50.337	ug/l	99
74) N-amyl acetate	10.848	43	113246	46.430	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	73339	49.251	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67876m	50.152	ug/l	
77) Bromobenzene	11.201	156	43941	48.740	ug/l	80
78) n-propylbenzene	11.305	91	261652	49.878	ug/l	96
79) 2-Chlorotoluene	11.366	91	156660	49.462	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	182631	51.301	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	18549	38.710	ug/l #	84
82) 4-Chlorotoluene	11.457	91	177942	48.614	ug/l	96
83) tert-Butylbenzene	11.719	119	162700	48.395	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	181558	50.672	ug/l	98
85) sec-Butylbenzene	11.896	105	227773	50.237	ug/l	96
86) p-Isopropyltoluene	12.012	119	177461	49.256	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	84613	48.646	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	85059	46.768	ug/l	94
89) n-Butylbenzene	12.335	91	169243	49.406	ug/l	96
90) Hexachloroethane	12.542	117	29488	44.679	ug/l	68
91) 1,2-Dichlorobenzene	12.341	146	86079	50.706	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15270	43.942	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	47130	50.057	ug/l	95
94) Hexachlorobutadiene	13.731	225	16729	45.344	ug/l	97
95) Naphthalene	13.780	128	198737	47.675	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48692	51.343	ug/l	97

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

