

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022139.D
 Acq On : 22 May 2021 01:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:50:35 PM

Quant Time: May 22 05:02:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	82861	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	170148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69325	54.24	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	108.48%	
35) Dibromofluoromethane	5.397	113	54261	50.29	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	100.58%	
50) Toluene-d8	8.653	98	208759	50.23	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.085	95	79002	51.42	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	102.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	50361	49.99	ug/l	100
3) Chloromethane	1.295	50	55570	51.14	ug/l	99
4) Vinyl Chloride	1.374	62	61141	53.18	ug/l	98
5) Bromomethane	1.599	94	27109	40.44	ug/l	100
6) Chloroethane	1.679	64	38449	56.16	ug/l	95
7) Trichlorofluoromethane	1.880	101	84795	51.29	ug/l	93
8) Diethyl Ether	2.136	74	36629	51.52	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	44895	45.73	ug/l	89
10) Methyl Iodide	2.453	142	55744	52.84	ug/l	97
11) Tert butyl alcohol	2.983	59	85803	293.50	ug/l	100
12) 1,1-Dichloroethene	2.319	96	45645	48.06	ug/l	89
13) Acrolein	2.240	56	49834	257.02	ug/l	97
14) Allyl chloride	2.666	41	88897	50.97	ug/l	97
15) Acrylonitrile	3.075	53	168771	293.24	ug/l	99
16) Acetone	2.392	43	153258	275.37	ug/l	98
17) Carbon Disulfide	2.508	76	111263	44.73	ug/l	99
18) Methyl Acetate	2.715	43	83719	56.56	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	176185	54.16	ug/l	97
20) Methylene Chloride	2.794	84	61584	49.84	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	53808	52.09	ug/l	98
22) Diisopropyl ether	3.776	45	179275	53.36	ug/l	93
23) Vinyl Acetate	3.733	43	869098	268.68	ug/l	97
24) 1,1-Dichloroethane	3.611	63	106772	54.16	ug/l	99
25) 2-Butanone	4.568	43	259484	288.19	ug/l	95
26) 2,2-Dichloropropane	4.483	77	59052	33.74	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	65750	52.34	ug/l	97
28) Bromochloromethane	4.910	49	49569	51.83	ug/l	87
29) Tetrahydrofuran	5.019	42	151828	283.31	ug/l	92
30) Chloroform	5.105	83	107604	52.82	ug/l	98
31) Cyclohexane	5.477	56	79642	49.58	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	91896	52.79	ug/l	99
36) 1,1-Dichloropropene	5.696	75	76338	48.52	ug/l	99
37) Ethyl Acetate	4.733	43	99661	51.67	ug/l	96
38) Carbon Tetrachloride	5.684	117	77204	50.16	ug/l	97
39) Methylcyclohexane	7.385	83	79385	44.49	ug/l	99
40) Benzene	6.050	78	241035	49.79	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	53610	51.96	ug/l	95
42) 1,2-Dichloroethane	6.099	62	87205	51.42	ug/l	99
43) Isopropyl Acetate	6.355	43	163475	51.82	ug/l	95
44) Trichloroethene	7.129	130	59081	49.11	ug/l	97
45) 1,2-Dichloropropane	7.440	63	63545	51.46	ug/l	98
46) Dibromomethane	7.586	93	43367	51.76	ug/l #	87
47) Bromodichloromethane	7.830	83	85157	50.79	ug/l	99
48) Methyl methacrylate	7.702	41	76155	52.38	ug/l	93
49) 1,4-Dioxane	7.665	88	32833	1159.91	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	521734	276.09	ug/l	92
52) Toluene	8.726	92	152800	49.84	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	90808	46.92	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	98530	47.36	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	64515	51.84	ug/l	99
56) Ethyl methacrylate	9.122	69	106832	53.11	ug/l	90
57) 1,3-Dichloropropane	9.311	76	109510	51.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	276109	253.81	ug/l	97
59) 2-Hexanone	9.433	43	403168	283.67	ug/l	91
60) Dibromochloromethane	9.525	129	62575	51.68	ug/l	99
61) 1,2-Dibromoethane	9.616	107	65503	52.86	ug/l	99
64) Tetrachloroethene	9.281	164	52044	50.57	ug/l	92
65) Chlorobenzene	10.086	112	161810	49.59	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	58113	51.25	ug/l	97
67) Ethyl Benzene	10.195	91	294802	49.11	ug/l	100
68) m/p-Xylenes	10.305	106	221677	97.71	ug/l	100
69) o-Xylene	10.647	106	108440	49.15	ug/l	100
70) Styrene	10.659	104	185869	51.42	ug/l	99
71) Bromoform	10.805	173	39940	46.08	ug/l #	99
73) Isopropylbenzene	10.964	105	285974	47.38	ug/l	100
74) N-amyl acetate	10.848	43	147891	51.62	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	103344	51.66	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	91212m	51.84	ug/l	
77) Bromobenzene	11.201	156	61706	48.22	ug/l	88
78) n-propylbenzene	11.305	91	335409	47.44	ug/l	100
79) 2-Chlorotoluene	11.366	91	201115	46.90	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	244172	48.81	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	32116	43.25	ug/l	96
82) 4-Chlorotoluene	11.457	91	233017	47.17	ug/l	98
83) tert-Butylbenzene	11.720	119	230035	47.95	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	246137	48.88	ug/l	100
85) sec-Butylbenzene	11.896	105	295582	48.48	ug/l	98
86) p-Isopropyltoluene	12.012	119	247749	48.11	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	117539	47.63	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	118189	46.34	ug/l	97
89) n-Butylbenzene	12.335	91	224057	47.04	ug/l	98
90) Hexachloroethane	12.543	117	38800	45.59	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	115983	48.94	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22541	52.65	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	69939	48.90	ug/l	97
94) Hexachlorobutadiene	13.731	225	25119	45.00	ug/l	99
95) Naphthalene	13.780	128	298395	53.50	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	70521	48.92	ug/l	98

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

