

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022129.D
 Acq On : 21 May 2021 20:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:50:49 PM

Quant Time: May 22 04:59:08 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	79338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	159297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	147190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67199	54.91	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.82%			
35) Dibromofluoromethane	5.397	113	52827	52.29	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.58%			
50) Toluene-d8	8.653	98	204582	52.57	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.14%			
62) 4-Bromofluorobenzene	11.085	95	77266	53.72	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.44%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48981	50.78	ug/l	97
3) Chloromethane	1.295	50	53437	51.36	ug/l	100
4) Vinyl Chloride	1.374	62	57203	51.96	ug/l	100
5) Bromomethane	1.599	94	26438	41.19	ug/l	94
6) Chloroethane	1.679	64	35007	53.40	ug/l	96
7) Trichlorofluoromethane	1.880	101	82573	52.17	ug/l	97
8) Diethyl Ether	2.136	74	35429	52.04	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	45211	48.10	ug/l	89
10) Methyl Iodide	2.453	142	52502	51.98	ug/l	95
11) Tert butyl alcohol	2.989	59	86042	307.38	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43431	47.76	ug/l	88
13) Acrolein	2.239	56	52389	282.19	ug/l	98
14) Allyl chloride	2.666	41	86779	51.96	ug/l	97
15) Acrylonitrile	3.075	53	163250	296.24	ug/l	99
16) Acetone	2.392	43	148630	278.91	ug/l	95
17) Carbon Disulfide	2.508	76	112044	47.05	ug/l	98
18) Methyl Acetate	2.715	43	81766	57.69	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	166552	53.47	ug/l	99
20) Methylene Chloride	2.794	84	58224	49.21	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	52646	53.23	ug/l	99
22) Diisopropyl ether	3.776	45	170284	52.94	ug/l	95
23) Vinyl Acetate	3.733	43	844808	272.77	ug/l	98
24) 1,1-Dichloroethane	3.617	63	100613	53.30	ug/l	99
25) 2-Butanone	4.574	43	258134	299.42	ug/l	92
26) 2,2-Dichloropropane	4.483	77	68112	40.65	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	64579	53.69	ug/l	96
28) Bromochloromethane	4.904	49	46960	51.28	ug/l	87
29) Tetrahydrofuran	5.019	42	148620	289.64	ug/l	92
30) Chloroform	5.105	83	104049	53.35	ug/l	97
31) Cyclohexane	5.477	56	75484	49.08	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	87979	52.79	ug/l	98
36) 1,1-Dichloropropene	5.702	75	74596	50.64	ug/l	98
37) Ethyl Acetate	4.733	43	97381	53.93	ug/l	95
38) Carbon Tetrachloride	5.684	117	75334	52.28	ug/l	98
39) Methylcyclohexane	7.385	83	78394	46.93	ug/l	99
40) Benzene	6.044	78	230594	50.88	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	52251	54.09	ug/l	95
42) 1,2-Dichloroethane	6.098	62	82283	51.82	ug/l	99
43) Isopropyl Acetate	6.355	43	156137	52.86	ug/l	96
44) Trichloroethene	7.135	130	56129	49.84	ug/l	99
45) 1,2-Dichloropropane	7.440	63	60502	52.33	ug/l	100
46) Dibromomethane	7.586	93	41617	53.06	ug/l #	87
47) Bromodichloromethane	7.830	83	82764	52.73	ug/l	100
48) Methyl methacrylate	7.702	41	75152	55.21	ug/l	92
49) 1,4-Dioxane	7.665	88	32234	1216.32	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	511699	289.23	ug/l	93
52) Toluene	8.726	92	147214	51.29	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	90311	49.85	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	97732	50.17	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	61516	52.80	ug/l	97
56) Ethyl methacrylate	9.122	69	102496	54.43	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	106483	53.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	257099	252.43	ug/l	99
59) 2-Hexanone	9.433	43	396009	297.61	ug/l	91
60) Dibromochloromethane	9.525	129	59780	52.74	ug/l	98
61) 1,2-Dibromoethane	9.616	107	63127	54.41	ug/l	99
64) Tetrachloroethene	9.281	164	45122	46.69	ug/l	93
65) Chlorobenzene	10.086	112	157494	51.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57268	53.79	ug/l	99
67) Ethyl Benzene	10.195	91	283432	50.28	ug/l	99
68) m/p-Xylenes	10.305	106	212973	99.98	ug/l	99
69) o-Xylene	10.646	106	107341	51.81	ug/l	98
70) Styrene	10.659	104	178187	52.50	ug/l	98
71) Bromoform	10.805	173	39719	48.72	ug/l #	99
73) Isopropylbenzene	10.963	105	277656	48.91	ug/l	99
74) N-amyl acetate	10.848	43	143896	53.41	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.220	83	103532	55.03	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	88934m	53.75	ug/l	
77) Bromobenzene	11.201	156	59163	49.16	ug/l	90
78) n-propylbenzene	11.311	91	328120	49.35	ug/l	99
79) 2-Chlorotoluene	11.366	91	192508	47.74	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	236234	50.21	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	33655	48.19	ug/l	97
82) 4-Chlorotoluene	11.457	91	223548	48.12	ug/l	98
83) tert-Butylbenzene	11.719	119	226515	50.20	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	237598	50.17	ug/l	100
85) sec-Butylbenzene	11.896	105	285904	49.86	ug/l	98
86) p-Isopropyltoluene	12.012	119	240577	49.68	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	114823	49.48	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	113529	47.33	ug/l	96
89) n-Butylbenzene	12.335	91	221227	49.38	ug/l	99
90) Hexachloroethane	12.542	117	40551	50.67	ug/l	74
91) 1,2-Dichlorobenzene	12.341	146	113319	50.84	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22882	56.83	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	65763	48.89	ug/l	97
94) Hexachlorobutadiene	13.731	225	24249	46.19	ug/l	99
95) Naphthalene	13.780	128	292442	55.75	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69533	51.29	ug/l	96

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

