

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100521\
 Data File : VX024561.D
 Acq On : 05 Oct 2021 10:56
 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

MMDadoda
 10/6/2021 7:03:45 PM

Quant Time: Oct 05 16:39:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	172865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114217	46.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.76%			
35) Dibromofluoromethane	5.391	113	92564	51.34	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.68%			
50) Toluene-d8	8.653	98	338876	51.06	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.12%			
62) 4-Bromofluorobenzene	11.079	95	133881	51.31	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.62%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	84879	48.80	ug/l	98
3) Chloromethane	1.294	50	79613	48.56	ug/l	98
4) Vinyl Chloride	1.374	62	84490	49.26	ug/l	99
5) Bromomethane	1.599	94	55279	47.89	ug/l	96
6) Chloroethane	1.679	64	49689	43.53	ug/l	99
7) Trichlorofluoromethane	1.880	101	133223	44.02	ug/l	99
8) Diethyl Ether	2.136	74	47452	46.06	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	89598	52.50	ug/l	95
10) Methyl Iodide	2.453	142	109443	45.83	ug/l	95
11) Tert butyl alcohol	2.977	59	123011	215.38	ug/l	99
12) 1,1-Dichloroethene	2.319	96	81675	51.54	ug/l	98
13) Acrolein	2.239	56	37281	281.60	ug/l	96
14) Allyl chloride	2.666	41	153781	53.08	ug/l	96
15) Acrylonitrile	3.068	53	283359	256.01	ug/l	98
16) Acetone	2.386	43	290536	284.02	ug/l	93
17) Carbon Disulfide	2.508	76	188686	46.21	ug/l	100
18) Methyl Acetate	2.709	43	181433	49.73	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	321892	53.90	ug/l	99
20) Methylene Chloride	2.788	84	97473	53.55	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	90054	50.05	ug/l	94
22) Diisopropyl ether	3.770	45	310524	52.46	ug/l	93
23) Vinyl Acetate	3.727	43	1261493	263.19	ug/l	96
24) 1,1-Dichloroethane	3.611	63	173861	52.90	ug/l	98
25) 2-Butanone	4.562	43	421265	251.07	ug/l	95
26) 2,2-Dichloropropane	4.477	77	150557	50.93	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	109929	52.27	ug/l	100
28) Bromochloromethane	4.904	49	68481	45.90	ug/l	99
29) Tetrahydrofuran	5.013	42	261697	244.78	ug/l	92
30) Chloroform	5.099	83	184529	50.84	ug/l	100
31) Cyclohexane	5.471	56	147980	50.72	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	164573	51.07	ug/l	99
36) 1,1-Dichloropropene	5.696	75	131265	50.45	ug/l	99
37) Ethyl Acetate	4.721	43	152470	46.93	ug/l	96
38) Carbon Tetrachloride	5.678	117	142092	50.17	ug/l	99
39) Methylcyclohexane	7.385	83	163531	53.68	ug/l	99
40) Benzene	6.044	78	383363	51.53	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	84526	50.38	ug/l	94
42) 1,2-Dichloroethane	6.092	62	149486	47.84	ug/l	97
43) Isopropyl Acetate	6.348	43	241121	48.82	ug/l	96
44) Trichloroethene	7.129	130	105184	51.38	ug/l	100
45) 1,2-Dichloropropane	7.434	63	102198	53.24	ug/l	98
46) Dibromomethane	7.586	93	72450	50.33	ug/l	99
47) Bromodichloromethane	7.824	83	135774	51.47	ug/l	99
48) Methyl methacrylate	7.696	41	119863	49.01	ug/l	92
49) 1,4-Dioxane	7.665	88	52175	931.48	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	785521	240.92	ug/l	93
52) Toluene	8.720	92	250594	52.14	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	158286	52.94	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	167134	54.97	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	107602	54.14	ug/l	98
56) Ethyl methacrylate	9.116	69	168342	53.22	ug/l	92
57) 1,3-Dichloropropane	9.311	76	175630	52.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	415840	266.34	ug/l	99
59) 2-Hexanone	9.433	43	614622	239.37	ug/l	92
60) Dibromochloromethane	9.525	129	110696	49.11	ug/l	99
61) 1,2-Dibromoethane	9.610	107	115166	52.79	ug/l	99
64) Tetrachloroethene	9.275	164	94674	54.26	ug/l	96
65) Chlorobenzene	10.079	112	277994	52.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	104644	53.47	ug/l	98
67) Ethyl Benzene	10.195	91	493201	53.05	ug/l	97
68) m/p-Xylenes	10.305	106	390546	109.56	ug/l	98
69) o-Xylene	10.646	106	191971	54.46	ug/l	98
70) Styrene	10.659	104	324525	55.06	ug/l	100
71) Bromoform	10.805	173	82416	48.40	ug/l #	99
73) Isopropylbenzene	10.963	105	500564	53.10	ug/l	99
74) N-amyl acetate	10.841	43	212126	48.92	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	170007	51.00	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	158098m	52.21	ug/l	
77) Bromobenzene	11.201	156	126015	51.95	ug/l	94
78) n-propylbenzene	11.305	91	588955	53.45	ug/l	98
79) 2-Chlorotoluene	11.366	91	352324	52.49	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	441508	54.83	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56253	51.16	ug/l	98
82) 4-Chlorotoluene	11.457	91	412089	52.18	ug/l	98
83) tert-Butylbenzene	11.719	119	437766	54.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	442547	55.27	ug/l	100
85) sec-Butylbenzene	11.890	105	546118	54.98	ug/l	98
86) p-Isopropyltoluene	12.012	119	467738	55.23	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	241564	52.29	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	242887	50.90	ug/l	100
89) n-Butylbenzene	12.335	91	408218	54.43	ug/l	98
90) Hexachloroethane	12.542	117	73745	52.95	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	240360	52.63	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38570	47.92	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	159336	54.80	ug/l	99
94) Hexachlorobutadiene	13.725	225	67309	50.61	ug/l	98
95) Naphthalene	13.780	128	520955	55.98	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156339	52.47	ug/l	99

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

