

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024511.D
 Acq On : 04 Oct 2021 11:25
 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
 10/5/2021 6:04:41 PM

Quant Time: Oct 05 03:18:22 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	163746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127562	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	116306	50.40	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.80%			
35) Dibromofluoromethane	5.391	113	86401	51.80	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.60%			
50) Toluene-d8	8.653	98	309585	50.43	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.86%			
62) 4-Bromofluorobenzene	11.085	95	125314	51.91	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.82%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79014	47.95	ug/l	99
3) Chloromethane	1.294	50	71688	46.16	ug/l	98
4) Vinyl Chloride	1.374	62	74925	46.12	ug/l	98
5) Bromomethane	1.599	94	46501	42.53	ug/l	100
6) Chloroethane	1.678	64	47558	43.98	ug/l	97
7) Trichlorofluoromethane	1.880	101	134732	47.00	ug/l	96
8) Diethyl Ether	2.136	74	47736	48.92	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	81255	50.26	ug/l	96
10) Methyl Iodide	2.453	142	114076	50.43	ug/l	92
11) Tert butyl alcohol	2.977	59	115705	213.78	ug/l	98
12) 1,1-Dichloroethene	2.319	96	74894	49.89	ug/l	96
13) Acrolein	2.239	56	38401	305.34	ug/l	99
14) Allyl chloride	2.666	41	140690	51.27	ug/l	91
15) Acrylonitrile	3.068	53	256419	244.57	ug/l	97
16) Acetone	2.386	43	280000	289.15	ug/l	89
17) Carbon Disulfide	2.508	76	173796	44.94	ug/l	100
18) Methyl Acetate	2.709	43	168453	48.75	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	305079	53.93	ug/l	99
20) Methylene Chloride	2.788	84	90701	52.59	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	82585	48.45	ug/l	95
22) Diisopropyl ether	3.769	45	288855	51.52	ug/l	94
23) Vinyl Acetate	3.727	43	1208440	266.16	ug/l	95
24) 1,1-Dichloroethane	3.611	63	159804	51.33	ug/l	97
25) 2-Butanone	4.562	43	403367	253.80	ug/l	93
26) 2,2-Dichloropropane	4.483	77	146796	52.42	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	99532	49.96	ug/l	96
28) Bromochloromethane	4.903	49	66855	47.31	ug/l	98
29) Tetrahydrofuran	5.013	42	243978	240.92	ug/l	92
30) Chloroform	5.099	83	175169	50.95	ug/l	99
31) Cyclohexane	5.470	56	135343	48.98	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	157076	51.46	ug/l	99
36) 1,1-Dichloropropene	5.696	75	121841	50.62	ug/l	99
37) Ethyl Acetate	4.721	43	145991	48.58	ug/l	96
38) Carbon Tetrachloride	5.684	117	138457	52.84	ug/l	97
39) Methylcyclohexane	7.385	83	147964	52.50	ug/l	99
40) Benzene	6.043	78	351165	51.02	ug/l	99

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41) Methacrylonitrile	4.928	41	79354	51.13	ug/l	93
42) 1,2-Dichloroethane	6.092	62	150953	52.22	ug/l	95
43) Isopropyl Acetate	6.348	43	236279	51.71	ug/l	94
44) Trichloroethene	7.129	130	96412	50.91	ug/l	98
45) 1,2-Dichloropropane	7.433	63	92897	52.31	ug/l	99
46) Dibromomethane	7.586	93	68405	51.37	ug/l	100
47) Bromodichloromethane	7.824	83	134158	54.97	ug/l	99
48) Methyl methacrylate	7.696	41	117822	52.08	ug/l	88
49) 1,4-Dioxane	7.665	88	46346	894.38	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	765516	253.79	ug/l	92
52) Toluene	8.720	92	231383	52.04	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	154589	55.89	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	158635	56.40	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	99939	54.36	ug/l	99
56) Ethyl methacrylate	9.122	69	159742	54.59	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	164178	52.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	390240	270.17	ug/l	99
59) 2-Hexanone	9.433	43	611913	257.60	ug/l	89
60) Dibromochloromethane	9.525	129	107000	51.26	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109576	54.29	ug/l	99
64) Tetrachloroethene	9.275	164	85879	52.57	ug/l	97
65) Chlorobenzene	10.079	112	257829	52.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	100602	54.90	ug/l	100
67) Ethyl Benzene	10.195	91	462041	53.08	ug/l	99
68) m/p-Xylenes	10.305	106	359904	107.83	ug/l	98
69) o-Xylene	10.646	106	178449	54.07	ug/l	99
70) Styrene	10.659	104	301074	54.55	ug/l	97
71) Bromoform	10.805	173	80491	50.38	ug/l #	97
73) Isopropylbenzene	10.963	105	472055	52.35	ug/l	100
74) N-amyl acetate	10.848	43	214659	51.75	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	162449	50.94	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	152978m	52.81	ug/l	
77) Bromobenzene	11.201	156	120130	51.77	ug/l	95
78) n-propylbenzene	11.305	91	554332	52.58	ug/l	99
79) 2-Chlorotoluene	11.366	91	338230	52.67	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	418553	54.33	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	55007	52.25	ug/l	94
82) 4-Chlorotoluene	11.457	91	394765	52.25	ug/l	100
83) tert-Butylbenzene	11.719	119	412287	53.38	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	419048	54.71	ug/l	99
85) sec-Butylbenzene	11.890	105	520670	54.80	ug/l	100
86) p-Isopropyltoluene	12.012	119	442167	54.57	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	226767	51.31	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	231429	50.70	ug/l	99
89) n-Butylbenzene	12.335	91	392641	54.73	ug/l	98
90) Hexachloroethane	12.542	117	71392	53.58	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	224985	51.50	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40050	52.01	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	150529	54.12	ug/l	98
94) Hexachlorobutadiene	13.725	225	65246	51.28	ug/l	98
95) Naphthalene	13.780	128	511561	57.46	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	152180	53.39	ug/l	98

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

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