

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024685.D
 Acq On : 08 Oct 2021 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:43:12 PM

Quant Time: Oct 11 05:51:39 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	5.562	168	132098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	208323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92995	49.950	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.900%			
35) Dibromofluoromethane	5.391	113	70586	51.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	8.653	98	256551	50.367	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.086	95	102488	51.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	79929	60.132	ug/l	100
3) Chloromethane	1.295	50	62579	49.946	ug/l	97
4) Vinyl Chloride	1.374	62	69670	53.158	ug/l	100
5) Bromomethane	1.599	94	47026	53.311	ug/l	96
6) Chloroethane	1.679	64	41892	48.001	ug/l	98
7) Trichlorofluoromethane	1.880	101	117357	50.742	ug/l	98
8) Diethyl Ether	2.136	74	40035	50.855	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	64955	49.804	ug/l	95
10) Methyl Iodide	2.453	142	61448	33.673	ug/l	92
11) Tert butyl alcohol	2.977	59	88663	202.409	ug/l	97
12) 1,1-Dichloroethene	2.319	96	62337	51.479	ug/l	98
13) Acrolein	2.240	56	31696	312.173	ug/l	96
14) Allyl chloride	2.666	41	109111	49.285	ug/l	90
15) Acrylonitrile	3.069	53	199300	235.636	ug/l	98
16) Acetone	2.386	43	212542	271.445	ug/l	91
17) Carbon Disulfide	2.508	76	154997	49.656	ug/l	100
18) Methyl Acetate	2.709	43	131898	47.312	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	223649	49.007	ug/l	98
20) Methylene Chloride	2.788	84	73303	52.683	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	69126	50.272	ug/l	93
22) Diisopropyl ether	3.770	45	222033	49.088	ug/l	97
23) Vinyl Acetate	3.727	43	930030	253.918	ug/l	95
24) 1,1-Dichloroethane	3.617	63	126849	50.510	ug/l	97
25) 2-Butanone	4.568	43	336015	262.070	ug/l	93
26) 2,2-Dichloropropane	4.483	77	90910	40.241	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	80022	49.791	ug/l	98
28) Bromochloromethane	4.910	49	57262	50.227	ug/l	95
29) Tetrahydrofuran	5.013	42	192177	235.229	ug/l	91
30) Chloroform	5.105	83	137633	49.622	ug/l	99
31) Cyclohexane	5.477	56	110367	49.507	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	125720	51.056	ug/l	98
36) 1,1-Dichloropropene	5.702	75	99573	49.859	ug/l	99
37) Ethyl Acetate	4.727	43	115482	46.315	ug/l	94
38) Carbon Tetrachloride	5.684	117	110860	50.995	ug/l	98
39) Methylcyclohexane	7.385	83	117459	50.230	ug/l	98
40) Benzene	6.044	78	289501	50.694	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	61437	47.713	ug/l	93
42) 1,2-Dichloroethane	6.099	62	120356	50.184	ug/l	94
43) Isopropyl Acetate	6.349	43	183520	48.414	ug/l	93
44) Trichloroethene	7.129	130	81212	51.687	ug/l	98
45) 1,2-Dichloropropane	7.434	63	75516	51.256	ug/l	93
46) Dibromomethane	7.586	93	54462	49.297	ug/l	99
47) Bromodichloromethane	7.830	83	104706	51.713	ug/l	99
48) Methyl methacrylate	7.696	41	101276	53.956	ug/l	86
49) 1,4-Dioxane	7.665	88	40838	949.895	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	676761	270.433	ug/l	91
52) Toluene	8.726	92	190567	51.659	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	112373	48.966	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	119201	51.083	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	79379	52.040	ug/l	98
56) Ethyl methacrylate	9.122	69	110904	45.682	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	128931	50.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	314572	262.501	ug/l	98
59) 2-Hexanone	9.433	43	533018	270.461	ug/l	88
60) Dibromochloromethane	9.525	129	83684	48.390	ug/l	100
61) 1,2-Dibromoethane	9.616	107	87181	52.063	ug/l	99
64) Tetrachloroethene	9.275	164	77449	56.414	ug/l	94
65) Chlorobenzene	10.080	112	209555	50.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	78993	51.291	ug/l	99
67) Ethyl Benzene	10.195	91	377908	51.662	ug/l	99
68) m/p-Xylenes	10.305	106	287415	102.463	ug/l	99
69) o-Xylene	10.647	106	139703	50.365	ug/l	99
70) Styrene	10.659	104	228548	49.275	ug/l	97
71) Bromoform	10.805	173	60737	45.475	ug/l #	100
73) Isopropylbenzene	10.964	105	378948	50.736	ug/l	98
74) N-amyl acetate	10.848	43	165678	48.226	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	126987	48.076	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	115935m	48.321	ug/l	
77) Bromobenzene	11.201	156	95579	49.731	ug/l	95
78) n-propylbenzene	11.305	91	430346	49.289	ug/l	99
79) 2-Chlorotoluene	11.366	91	259373	48.767	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	332613	52.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	38290	44.220	ug/l	90
82) 4-Chlorotoluene	11.457	91	310558	49.627	ug/l	100
83) tert-Butylbenzene	11.720	119	316888	49.539	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	339248	53.474	ug/l	99
85) sec-Butylbenzene	11.896	105	369762	46.985	ug/l	99
86) p-Isopropyltoluene	12.012	119	344176	51.288	ug/l	97
87) 1,3-Dichlorobenzene	11.970	146	174102	47.567	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	176225	46.609	ug/l	99
89) n-Butylbenzene	12.335	91	298750	50.278	ug/l	97
90) Hexachloroethane	12.543	117	54212	49.128	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	171933	47.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30517	47.850	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	112352	48.769	ug/l	99
94) Hexachlorobutadiene	13.725	225	46241	43.878	ug/l	99
95) Naphthalene	13.780	128	392302	53.202	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115081	48.749	ug/l	98

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

