

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022964.D
 Acq On : 26 Jun 2021 08:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 12:01:41 PM

Quant Time: Jun 28 01:11:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	62668	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60336	53.052	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.100%			
35) Dibromofluoromethane	5.391	113	42768	49.879	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	8.653	98	161300	48.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.085	95	63403	50.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	46099	52.137	ug/l	99
3) Chloromethane	1.294	50	47516	48.940	ug/l	99
4) Vinyl Chloride	1.374	62	46913	52.363	ug/l	99
5) Bromomethane	1.599	94	27097	54.901	ug/l	95
6) Chloroethane	1.685	64	28272	51.061	ug/l	96
7) Trichlorofluoromethane	1.886	101	71286	54.772	ug/l	95
8) Diethyl Ether	2.142	74	27331	54.406	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	42330	51.947	ug/l	87
10) Methyl Iodide	2.453	142	34864	36.700	ug/l	# 89
11) Tert butyl alcohol	2.977	59	60000	253.135	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42507	52.284	ug/l	83
13) Acrolein	2.239	56	32311	219.177	ug/l	98
14) Allyl chloride	2.666	41	79988	51.786	ug/l	# 88
15) Acrylonitrile	3.075	53	153199	282.736	ug/l	99
16) Acetone	2.386	43	139890	277.453	ug/l	91
17) Carbon Disulfide	2.514	76	100649	45.756	ug/l	99
18) Methyl Acetate	2.709	43	71979	58.009	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	167816	57.560	ug/l	97
20) Methylene Chloride	2.794	84	52777	52.757	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	46086	51.098	ug/l	86
22) Diisopropyl ether	3.770	45	180951	56.321	ug/l	# 93
23) Vinyl Acetate	3.733	43	797846	296.023	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	97893	57.032	ug/l	97
25) 2-Butanone	4.568	43	219864	280.421	ug/l	93
26) 2,2-Dichloropropane	4.483	77	34953	26.834	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	55244	55.189	ug/l	99
28) Bromochloromethane	4.904	49	42670	52.766	ug/l	# 76
29) Tetrahydrofuran	5.019	42	144154	285.840	ug/l	# 85
30) Chloroform	5.111	83	94319	54.629	ug/l	96
31) Cyclohexane	5.477	56	83977	52.301	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	77232	55.676	ug/l	96
36) 1,1-Dichloropropene	5.702	75	67796	47.272	ug/l	98
37) Ethyl Acetate	4.727	43	87173	52.473	ug/l	# 93
38) Carbon Tetrachloride	5.690	117	59467	49.437	ug/l	97
39) Methylcyclohexane	7.391	83	78043	46.650	ug/l	98
40) Benzene	6.050	78	206901	50.031	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	46873	51.216	ug/l	92
42) 1,2-Dichloroethane	6.098	62	80528	52.925	ug/l	95
43) Isopropyl Acetate	6.348	43	142049	53.184	ug/l #	91
44) Trichloroethene	7.135	130	47654	48.591	ug/l	95
45) 1,2-Dichloropropane	7.440	63	54730	51.310	ug/l	99
46) Dibromomethane	7.586	93	35898	50.727	ug/l #	83
47) Bromodichloromethane	7.830	83	67704	47.255	ug/l #	99
48) Methyl methacrylate	7.702	41	66194	53.549	ug/l	86
49) 1,4-Dioxane	7.665	88	23377	878.526	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	441659	265.694	ug/l	88
52) Toluene	8.726	92	123824	49.531	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	69994	41.781	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	76699	42.671	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	50613	50.461	ug/l	97
56) Ethyl methacrylate	9.122	69	88502	47.902	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	91524	50.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	228970	248.826	ug/l	93
59) 2-Hexanone	9.433	43	333326	264.316	ug/l	86
60) Dibromochloromethane	9.525	129	43983	45.151	ug/l	99
61) 1,2-Dibromoethane	9.616	107	51960	51.007	ug/l	96
64) Tetrachloroethene	9.275	164	42975	50.108	ug/l #	89
65) Chlorobenzene	10.079	112	123995	48.244	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	42335	50.969	ug/l	97
67) Ethyl Benzene	10.195	91	236311	49.931	ug/l	98
68) m/p-Xylenes	10.305	106	172227	97.992	ug/l	93
69) o-Xylene	10.646	106	85472	49.967	ug/l	93
70) Styrene	10.659	104	145823	51.360	ug/l	95
71) Bromoform	10.805	173	24813	42.370	ug/l #	95
73) Isopropylbenzene	10.963	105	225879	49.427	ug/l	96
74) N-amyl acetate	10.848	43	125522	48.717	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	77005	49.060	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	68911m	48.305	ug/l	
77) Bromobenzene	11.201	156	46222	48.639	ug/l	79
78) n-propylbenzene	11.305	91	273766	49.510	ug/l	96
79) 2-Chlorotoluene	11.366	91	162545	48.687	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	189332	50.455	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	17399	35.165	ug/l #	82
82) 4-Chlorotoluene	11.457	91	190593	49.399	ug/l	94
83) tert-Butylbenzene	11.719	119	170253	48.043	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	189418	50.153	ug/l	97
85) sec-Butylbenzene	11.896	105	238026	49.805	ug/l	96
86) p-Isopropyltoluene	12.012	119	185659	48.888	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	89581	48.860	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	91253	47.599	ug/l	95
89) n-Butylbenzene	12.335	91	179944	49.834	ug/l	96
90) Hexachloroethane	12.542	117	29691	42.844	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	87071	48.659	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17070	46.361	ug/l	69
93) 1,2,4-Trichlorobenzene	13.591	180	50799	51.185	ug/l	97
94) Hexachlorobutadiene	13.731	225	18161	46.700	ug/l	98
95) Naphthalene	13.780	128	216375	49.180	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51743	51.761	ug/l	97

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

