

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022912.D
 Acq On : 25 Jun 2021 10:43
 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
 6/28/2021 12:01:09 PM

Quant Time: Jun 26 03:51:26 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	66016	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	125398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56828	47.434	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.860%			
35) Dibromofluoromethane	5.391	113	40880	51.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	8.653	98	159800	51.204	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.085	95	59974	51.491	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	48541	52.115	ug/l	100
3) Chloromethane	1.294	50	47018	45.971	ug/l	98
4) Vinyl Chloride	1.374	62	46585	49.360	ug/l	97
5) Bromomethane	1.599	94	24277	46.693	ug/l	94
6) Chloroethane	1.684	64	27639	47.386	ug/l	91
7) Trichlorofluoromethane	1.886	101	67610	49.313	ug/l	99
8) Diethyl Ether	2.136	74	25254	47.722	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	45165	52.615	ug/l	91
10) Methyl Iodide	2.453	142	42095	41.497	ug/l	92
11) Tert butyl alcohol	2.977	59	54989	220.229	ug/l	99
12) 1,1-Dichloroethene	2.318	96	42431	49.543	ug/l	98
13) Acrolein	2.239	56	33169	213.587	ug/l	100
14) Allyl chloride	2.666	41	80094	49.225	ug/l	92
15) Acrylonitrile	3.068	53	143085	250.678	ug/l	99
16) Acetone	2.386	43	158365	298.167	ug/l	96
17) Carbon Disulfide	2.514	76	98966	42.943	ug/l	100
18) Methyl Acetate	2.709	43	62388	47.730	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	154642	50.351	ug/l	98
20) Methylene Chloride	2.794	84	51102	48.522	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	46645	49.094	ug/l	95
22) Diisopropyl ether	3.769	45	172992	51.113	ug/l	# 93
23) Vinyl Acetate	3.727	43	747348	263.224	ug/l	94
24) 1,1-Dichloroethane	3.611	63	91322	50.505	ug/l	97
25) 2-Butanone	4.562	43	224146	271.384	ug/l	93
26) 2,2-Dichloropropane	4.483	77	72203	52.621	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	52889	50.156	ug/l	93
28) Bromochloromethane	4.909	49	42748	50.182	ug/l	# 77
29) Tetrahydrofuran	5.013	42	131393	247.323	ug/l	87
30) Chloroform	5.098	83	91100	50.089	ug/l	94
31) Cyclohexane	5.476	56	85011	50.260	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	75335	51.554	ug/l	96
36) 1,1-Dichloropropene	5.702	75	68851	51.692	ug/l	97
37) Ethyl Acetate	4.720	43	79335	51.421	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	61627	55.165	ug/l	99
39) Methylcyclohexane	7.385	83	85819	55.235	ug/l	97
40) Benzene	6.043	78	202031	52.603	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	43288	50.929	ug/l	92
42) 1,2-Dichloroethane	6.092	62	75445	53.391	ug/l	97
43) Isopropyl Acetate	6.348	43	128084	51.636	ug/l #	92
44) Trichloroethene	7.129	130	48598	53.357	ug/l	93
45) 1,2-Dichloropropane	7.433	63	51992	52.484	ug/l	97
46) Dibromomethane	7.586	93	34332	52.238	ug/l #	85
47) Bromodichloromethane	7.824	83	64967	48.728	ug/l	99
48) Methyl methacrylate	7.696	41	61378	53.465	ug/l	87
49) 1,4-Dioxane	7.659	88	25739	1041.537	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	414477	268.480	ug/l	89
52) Toluene	8.720	92	124424	53.591	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	73868	46.977	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	82297	48.897	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	50034	53.713	ug/l	97
56) Ethyl methacrylate	9.122	69	83384	48.558	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	89347	52.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	217503	254.388	ug/l	94
59) 2-Hexanone	9.433	43	332721	284.087	ug/l	87
60) Dibromochloromethane	9.524	129	43509	47.854	ug/l	98
61) 1,2-Dibromoethane	9.610	107	49663	52.494	ug/l	100
64) Tetrachloroethene	9.275	164	44122	54.501	ug/l #	91
65) Chlorobenzene	10.079	112	127482	52.547	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	42356	54.023	ug/l	97
67) Ethyl Benzene	10.195	91	242073	54.187	ug/l	97
68) m/p-Xylenes	10.305	106	176646	106.477	ug/l	94
69) o-Xylene	10.646	106	85902	53.201	ug/l	95
70) Styrene	10.658	104	144884	54.060	ug/l	96
71) Bromoform	10.805	173	24934	44.807	ug/l #	99
73) Isopropylbenzene	10.963	105	226864	54.575	ug/l	98
74) N-amyl acetate	10.847	43	112573	48.061	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	73245	51.301	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	69882m	53.852	ug/l	
77) Bromobenzene	11.201	156	46129	53.364	ug/l	82
78) n-propylbenzene	11.305	91	281703	56.007	ug/l	97
79) 2-Chlorotoluene	11.366	91	162449	53.493	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	192493	56.394	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	22916	47.999	ug/l	86
82) 4-Chlorotoluene	11.457	91	191123	54.458	ug/l	94
83) tert-Butylbenzene	11.719	119	174049	53.994	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	193168	56.227	ug/l	97
85) sec-Butylbenzene	11.896	105	244436	56.228	ug/l	97
86) p-Isopropyltoluene	12.012	119	198073	57.338	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	91402	54.806	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	89633	51.400	ug/l	95
89) n-Butylbenzene	12.335	91	193648	58.958	ug/l	96
90) Hexachloroethane	12.542	117	31053	48.706	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	87175	53.557	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15482	46.238	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	51089	56.592	ug/l	96
94) Hexachlorobutadiene	13.725	225	20933	59.176	ug/l	97
95) Naphthalene	13.780	128	204642	51.058	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	51773	56.937	ug/l	97

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

