

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022724.D
 Acq On : 16 Jun 2021 16:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 11:04:00 AM

Quant Time: Jun 17 02:48:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	52533	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	109561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49832	52.744	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.480%			
35) Dibromofluoromethane	5.391	113	35809	51.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.460%			
50) Toluene-d8	8.653	98	136361	49.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.980%			
62) 4-Bromofluorobenzene	11.085	95	53664	51.493	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	27496	44.602	ug/l	100
3) Chloromethane	1.295	50	33507	44.981	ug/l	98
4) Vinyl Chloride	1.374	62	31874	43.548	ug/l	100
5) Bromomethane	1.599	94	17126	43.012	ug/l	100
6) Chloroethane	1.679	64	21691	48.943	ug/l	100
7) Trichlorofluoromethane	1.880	101	47766	45.318	ug/l	96
8) Diethyl Ether	2.136	74	22914	53.812	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	30832	47.948	ug/l	89
10) Methyl Iodide	2.453	142	29732	41.239	ug/l	94
11) Tert butyl alcohol	2.977	59	57028	260.693	ug/l	98
12) 1,1-Dichloroethene	2.319	96	29909	46.895	ug/l	96
13) Acrolein	2.239	56	24939	272.044	ug/l	99
14) Allyl chloride	2.660	41	64955	52.679	ug/l #	94
15) Acrylonitrile	3.069	53	131162	305.284	ug/l	99
16) Acetone	2.386	43	118389	279.844	ug/l	96
17) Carbon Disulfide	2.508	76	61599	42.920	ug/l	100
18) Methyl Acetate	2.709	43	73939	58.063	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	124604	56.305	ug/l	99
20) Methylene Chloride	2.788	84	43158	52.848	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	34484	48.795	ug/l	96
22) Diisopropyl ether	3.764	45	133541	54.725	ug/l #	88
23) Vinyl Acetate	3.727	43	632491	281.254	ug/l	96
24) 1,1-Dichloroethane	3.611	63	73480	51.891	ug/l	97
25) 2-Butanone	4.562	43	202553	295.218	ug/l	92
26) 2,2-Dichloropropane	4.477	77	56184	52.025	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	44776	52.000	ug/l	96
28) Bromochloromethane	4.904	49	36962	53.982	ug/l #	78
29) Tetrahydrofuran	5.013	42	118659	297.026	ug/l	88
30) Chloroform	5.099	83	75055	53.175	ug/l	98
31) Cyclohexane	5.471	56	48889	42.894	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	57053	47.661	ug/l	97
36) 1,1-Dichloropropene	5.696	75	49263	45.128	ug/l	98
37) Ethyl Acetate	4.721	43	76965	55.471	ug/l #	93
38) Carbon Tetrachloride	5.678	117	44458	47.610	ug/l	97
39) Methylcyclohexane	7.385	83	50062	43.960	ug/l	97
40) Benzene	6.038	78	163842	50.448	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42210	56.769	ug/l	93
42) 1,2-Dichloroethane	6.086	62	63963	53.544	ug/l	97
43) Isopropyl Acetate	6.348	43	124605	56.867	ug/l #	92
44) Trichloroethene	7.129	130	37820	49.606	ug/l	97
45) 1,2-Dichloropropane	7.434	63	45472	51.892	ug/l	100
46) Dibromomethane	7.580	93	30510	51.654	ug/l #	85
47) Bromodichloromethane	7.824	83	56360	49.186	ug/l	99
48) Methyl methacrylate	7.696	41	58165	55.295	ug/l	87
49) 1,4-Dioxane	7.665	88	23337	1165.650	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	412294	296.426	ug/l	89
52) Toluene	8.720	92	100443	49.691	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	64601	47.566	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	70777	48.564	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	45276	54.742	ug/l	97
56) Ethyl methacrylate	9.116	69	74826	50.016	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	80217	55.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	204066	273.690	ug/l	96
59) 2-Hexanone	9.433	43	316521	297.850	ug/l	88
60) Dibromochloromethane	9.525	129	38933	48.057	ug/l	94
61) 1,2-Dibromoethane	9.610	107	46382	56.187	ug/l	99
64) Tetrachloroethene	9.275	164	34454	52.188	ug/l	91
65) Chlorobenzene	10.080	112	107115	49.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	38118	48.458	ug/l	97
67) Ethyl Benzene	10.195	91	196736	49.117	ug/l	99
68) m/p-Xylenes	10.305	106	141201	97.325	ug/l	93
69) o-Xylene	10.647	106	71715	51.017	ug/l	97
70) Styrene	10.659	104	124718	48.097	ug/l	97
71) Bromoform	10.805	173	24027	46.849	ug/l #	99
73) Isopropylbenzene	10.964	105	181157	48.073	ug/l	99
74) N-amyl acetate	10.848	43	110203	54.377	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	73707	54.990	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69176m	56.849	ug/l	
77) Bromobenzene	11.201	156	41358	51.375	ug/l	83
78) n-propylbenzene	11.305	91	217556	47.797	ug/l	98
79) 2-Chlorotoluene	11.366	91	137399	49.886	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	154605	49.252	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22874	48.819	ug/l	88
82) 4-Chlorotoluene	11.457	91	157195	49.873	ug/l	97
83) tert-Butylbenzene	11.719	119	140724	47.732	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	160636	50.451	ug/l	98
85) sec-Butylbenzene	11.896	105	178400	46.329	ug/l	98
86) p-Isopropyltoluene	12.012	119	152021	47.821	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	76217	49.881	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	79243	50.380	ug/l	96
89) n-Butylbenzene	12.335	91	142034	46.668	ug/l	97
90) Hexachloroethane	12.543	117	22040	42.323	ug/l	74
91) 1,2-Dichlorobenzene	12.341	146	77279	51.904	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16341	51.554	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	44960	50.335	ug/l	97
94) Hexachlorobutadiene	13.725	225	13555	42.318	ug/l	97
95) Naphthalene	13.780	128	195917	50.221	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	45596	52.362	ug/l	97

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

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