

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061521\
 Data File : VX022709.D
 Acq On : 15 Jun 2021 19:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/16/2021 5:03:52 PM

Quant Time: Jun 16 05:27:51 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	5.562	168	51875	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	124552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	123096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58607	62.818	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	125.640%#
35) Dibromofluoromethane	5.391	113	42603	53.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.220%
50) Toluene-d8	8.653	98	154281	49.250	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.500%
62) 4-Bromofluorobenzene	11.085	95	62615	52.850	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	23070	37.897	ug/l	99
3) Chloromethane	1.294	50	39577	53.804	ug/l	100
4) Vinyl Chloride	1.374	62	32722	45.273	ug/l	97
5) Bromomethane	1.599	94	19417	49.385	ug/l	98
6) Chloroethane	1.672	64	23695	54.143	ug/l	99
7) Trichlorofluoromethane	1.880	101	43636	41.925	ug/l	97
8) Diethyl Ether	2.136	74	26795	63.725	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	23796	37.475	ug/l	90
10) Methyl Iodide	2.453	142	35836	50.335	ug/l	94
11) Tert butyl alcohol	2.989	59	61124	282.961	ug/l	97
12) 1,1-Dichloroethene	2.319	96	28622	45.446	ug/l	96
13) Acrolein	2.245	56	30993	342.371	ug/l	100
14) Allyl chloride	2.666	41	72098	59.214	ug/l	96
15) Acrylonitrile	3.075	53	139552	328.932	ug/l	99
16) Acetone	2.392	43	124728	298.567	ug/l	98
17) Carbon Disulfide	2.508	76	62443	44.060	ug/l	97
18) Methyl Acetate	2.715	43	77983	62.015	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	146742	67.149	ug/l	96
20) Methylene Chloride	2.794	84	50837	63.095	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	39537	56.654	ug/l	96
22) Diisopropyl ether	3.776	45	158088	65.606	ug/l	95
23) Vinyl Acetate	3.733	43	754436	339.735	ug/l	94
24) 1,1-Dichloroethane	3.617	63	85372	61.054	ug/l	99
25) 2-Butanone	4.568	43	217562	321.115	ug/l	92
26) 2,2-Dichloropropane	4.483	77	54833	51.419	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	53227	62.599	ug/l	99
28) Bromochloromethane	4.910	49	44439	65.725	ug/l	# 79
29) Tetrahydrofuran	5.019	42	126513	320.703	ug/l	88
30) Chloroform	5.105	83	88790	63.704	ug/l	98
31) Cyclohexane	5.470	56	41854	37.187	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	59467	50.258	ug/l	95
36) 1,1-Dichloropropene	5.702	75	49376	39.787	ug/l	96
37) Ethyl Acetate	4.727	43	83811	53.135	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	42710	40.233	ug/l	99
39) Methylcyclohexane	7.385	83	38833	29.996	ug/l	95
40) Benzene	6.050	78	190776	51.671	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	46947	55.540	ug/l	92
42) 1,2-Dichloroethane	6.098	62	75767	55.791	ug/l	96
43) Isopropyl Acetate	6.354	43	139595	56.040	ug/l #	92
44) Trichloroethene	7.135	130	41531	47.917	ug/l	98
45) 1,2-Dichloropropane	7.434	63	53837	54.044	ug/l	97
46) Dibromomethane	7.586	93	35485	52.815	ug/l #	84
47) Bromodichloromethane	7.830	83	66840	51.195	ug/l	100
48) Methyl methacrylate	7.702	41	66992	56.022	ug/l	89
49) 1,4-Dioxane	7.671	88	24638	1082.515	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	455761	288.238	ug/l	89
52) Toluene	8.720	92	116022	50.490	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	75812	48.996	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	83671	50.402	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	53890	57.315	ug/l	98
56) Ethyl methacrylate	9.122	69	87773	51.536	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	93831	57.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	236779	279.343	ug/l	95
59) 2-Hexanone	9.433	43	345306	285.828	ug/l	89
60) Dibromochloromethane	9.525	129	47800	51.647	ug/l	100
61) 1,2-Dibromoethane	9.616	107	53394	56.897	ug/l	99
64) Tetrachloroethene	9.275	164	32420	41.647	ug/l #	88
65) Chlorobenzene	10.085	112	126521	49.316	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44967	48.480	ug/l	97
67) Ethyl Benzene	10.195	91	219082	46.386	ug/l	99
68) m/p-Xylenes	10.305	106	161487	94.397	ug/l	96
69) o-Xylene	10.646	106	83420	50.328	ug/l	96
70) Styrene	10.659	104	145007	47.446	ug/l	97
71) Bromoform	10.805	173	27844	46.125	ug/l #	96
73) Isopropylbenzene	10.963	105	198582	45.573	ug/l	99
74) N-amyl acetate	10.848	43	128628	54.889	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	87405	56.394	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	77478m	55.064	ug/l	
77) Bromobenzene	11.201	156	48331	51.920	ug/l	81
78) n-propylbenzene	11.305	91	236664	44.966	ug/l	97
79) 2-Chlorotoluene	11.366	91	159523	50.089	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	176648	48.667	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	25586	47.421	ug/l	90
82) 4-Chlorotoluene	11.457	91	179486	49.248	ug/l	96
83) tert-Butylbenzene	11.719	119	154667	45.369	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	184745	50.179	ug/l	97
85) sec-Butylbenzene	11.896	105	187361	42.078	ug/l	95
86) p-Isopropyltoluene	12.012	119	157773	42.921	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	89679	50.757	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	90050	49.511	ug/l	96
89) n-Butylbenzene	12.335	91	145217	41.263	ug/l	95
90) Hexachloroethane	12.542	117	24974	41.548	ug/l	71
91) 1,2-Dichlorobenzene	12.341	146	91144	52.941	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17004	46.788	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	51434	49.798	ug/l	94
94) Hexachlorobutadiene	13.731	225	12786	34.521	ug/l	99
95) Naphthalene	13.780	128	225563	50.010	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51696	51.342	ug/l	96

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

