

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
 Data File : VX024509.D
 Acq On : 01 Oct 2021 18:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2021 5:50:49 PM

Quant Time: Oct 02 04:10:04 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	167905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	266906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107690	45.508	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.020%
35) Dibromofluoromethane	5.391	113	79817	45.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.020%
50) Toluene-d8	8.653	98	293178	44.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.840%#
62) 4-Bromofluorobenzene	11.085	95	117498	45.792	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75229	44.527	ug/l	100
3) Chloromethane	1.294	50	70892	44.514	ug/l	100
4) Vinyl Chloride	1.374	62	73386	44.052	ug/l	98
5) Bromomethane	1.599	94	46380	41.366	ug/l	99
6) Chloroethane	1.679	64	45202	40.787	ug/l	95
7) Trichlorofluoromethane	1.886	101	129597	44.084	ug/l	97
8) Diethyl Ether	2.136	74	45515	45.486	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	75274	45.408	ug/l	95
10) Methyl Iodide	2.453	142	105532	45.497	ug/l	92
11) Tert butyl alcohol	2.977	59	107065	191.645	ug/l	98
12) 1,1-Dichloroethene	2.319	96	69022	44.844	ug/l	93
13) Acrolein	2.239	56	18138	146.074	ug/l	99
14) Allyl chloride	2.666	41	128415	45.635	ug/l	90
15) Acrylonitrile	3.068	53	238260	221.625	ug/l	98
16) Acetone	2.386	43	222138	221.320	ug/l	88
17) Carbon Disulfide	2.514	76	151565	38.254	ug/l	98
18) Methyl Acetate	2.709	43	155054	43.757	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	275896	47.563	ug/l	99
20) Methylene Chloride	2.794	84	83616	47.159	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	77108	44.118	ug/l	97
22) Diisopropyl ether	3.770	45	268438	46.691	ug/l	98
23) Vinyl Acetate	3.727	43	1094343	235.062	ug/l	94
24) 1,1-Dichloroethane	3.611	63	150766	47.231	ug/l	97
25) 2-Butanone	4.568	43	352142	216.077	ug/l	95
26) 2,2-Dichloropropane	4.483	77	130736	45.529	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	93416	45.730	ug/l	96
28) Bromochloromethane	4.904	49	67227	46.392	ug/l	98
29) Tetrahydrofuran	5.019	42	226965	218.565	ug/l	91
30) Chloroform	5.099	83	163279	46.315	ug/l	99
31) Cyclohexane	5.477	56	127223	44.898	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	147057	46.985	ug/l	99
36) 1,1-Dichloropropene	5.696	75	113250	44.260	ug/l	99
37) Ethyl Acetate	4.727	43	133896	41.914	ug/l	95
38) Carbon Tetrachloride	5.684	117	125943	45.218	ug/l	98
39) Methylcyclohexane	7.385	83	135114	45.098	ug/l	97
40) Benzene	6.044	78	333366	45.563	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	74639	45.243	ug/l	93
42) 1,2-Dichloroethane	6.098	62	140767	45.812	ug/l	93
43) Isopropyl Acetate	6.348	43	216941	44.669	ug/l	93
44) Trichloroethene	7.129	130	91132	45.270	ug/l	99
45) 1,2-Dichloropropane	7.434	63	86476	45.812	ug/l	99
46) Dibromomethane	7.586	93	63194	44.645	ug/l	99
47) Bromodichloromethane	7.830	83	118328	45.614	ug/l	100
48) Methyl methacrylate	7.696	41	107297	44.617	ug/l	88
49) 1,4-Dioxane	7.665	88	42476	771.140	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	708484	220.970	ug/l	91
52) Toluene	8.720	92	217426	46.003	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	135957	46.240	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	141408	47.299	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	92964	47.569	ug/l	99
56) Ethyl methacrylate	9.122	69	147031	47.270	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	150383	45.607	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	372788	242.802	ug/l	97
59) 2-Hexanone	9.433	43	553827	219.339	ug/l	89
60) Dibromochloromethane	9.525	129	90081	40.846	ug/l	98
61) 1,2-Dibromoethane	9.616	107	98864	46.081	ug/l	100
64) Tetrachloroethene	9.275	164	79688	46.233	ug/l	94
65) Chlorobenzene	10.079	112	237183	45.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	91053	47.091	ug/l	99
67) Ethyl Benzene	10.195	91	428637	46.673	ug/l	100
68) m/p-Xylenes	10.305	106	333835	94.795	ug/l	97
69) o-Xylene	10.646	106	164888	47.349	ug/l	99
70) Styrene	10.659	104	277322	47.624	ug/l	97
71) Bromoform	10.805	173	65880	39.604	ug/l	100
73) Isopropylbenzene	10.963	105	441271	47.539	ug/l	99
74) N-amyl acetate	10.848	43	198599	46.515	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	147947	45.069	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	139188m	46.680	ug/l	
77) Bromobenzene	11.201	156	109001	45.635	ug/l	96
78) n-propylbenzene	11.305	91	510869	47.080	ug/l	98
79) 2-Chlorotoluene	11.366	91	312117	47.219	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	383229	48.328	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	46307	43.083	ug/l	92
82) 4-Chlorotoluene	11.457	91	362959	46.669	ug/l	99
83) tert-Butylbenzene	11.719	119	377464	47.480	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	384273	48.738	ug/l	99
85) sec-Butylbenzene	11.896	105	472702	48.331	ug/l	99
86) p-Isopropyltoluene	12.012	119	400461	48.017	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	208213	45.773	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	207442	44.147	ug/l	98
89) n-Butylbenzene	12.335	91	347516	47.059	ug/l	98
90) Hexachloroethane	12.542	117	60626	44.207	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	207763	46.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35862	45.245	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	130846	45.701	ug/l	98
94) Hexachlorobutadiene	13.725	225	56171	42.888	ug/l	99
95) Naphthalene	13.780	128	466205	50.873	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133777	45.598	ug/l	97

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

