

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
 Data File : VX024497.D
 Acq On : 01 Oct 2021 12:58
 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
 10/4/2021 5:50:44 PM

Quant Time: Oct 01 16:14:48 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	5.556	168	158589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107062	47.900	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.800%			
35) Dibromofluoromethane	5.391	113	79652	49.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.000%			
50) Toluene-d8	8.653	98	297547	50.242	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.480%			
62) 4-Bromofluorobenzene	11.085	95	118960	51.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89576	56.133	ug/l	100
3) Chloromethane	1.294	50	83317	55.390	ug/l	100
4) Vinyl Chloride	1.373	62	82544	52.460	ug/l	99
5) Bromomethane	1.599	94	48084	45.405	ug/l	99
6) Chloroethane	1.678	64	45757	43.695	ug/l	99
7) Trichlorofluoromethane	1.886	101	131242	47.266	ug/l	100
8) Diethyl Ether	2.135	74	43817	46.362	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.324	101	78496	50.133	ug/l	94
10) Methyl Iodide	2.453	142	120833	55.154	ug/l	93
11) Tert butyl alcohol	2.971	59	115968	221.684	ug/l	98
12) 1,1-Dichloroethene	2.318	96	70857	48.740	ug/l	92
13) Acrolein	2.239	56	15265	131.254	ug/l	96
14) Allyl chloride	2.666	41	155384	58.463	ug/l	96
15) Acrylonitrile	3.068	53	277852	273.635	ug/l	100
16) Acetone	2.385	43	278752	297.514	ug/l	94
17) Carbon Disulfide	2.513	76	202674	54.064	ug/l	99
18) Methyl Acetate	2.709	43	176787	52.821	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	316077	57.691	ug/l	99
20) Methylene Chloride	2.788	84	98712	59.236	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	92894	56.272	ug/l	98
22) Diisopropyl ether	3.769	45	312814	57.606	ug/l	92
23) Vinyl Acetate	3.727	43	1245073	283.149	ug/l	96
24) 1,1-Dichloroethane	3.611	63	175365	58.164	ug/l	98
25) 2-Butanone	4.562	43	411815	267.537	ug/l	96
26) 2,2-Dichloropropane	4.483	77	158937	58.602	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	107962	55.955	ug/l	97
28) Bromochloromethane	4.891	49	64076	46.815	ug/l	96
29) Tetrahydrofuran	5.013	42	241761	246.490	ug/l	91
30) Chloroform	5.104	83	176452	52.991	ug/l	96
31) Cyclohexane	5.470	56	127020	47.459	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	148075	50.089	ug/l	98
36) 1,1-Dichloropropene	5.696	75	115628	49.797	ug/l	98
37) Ethyl Acetate	4.720	43	150558	51.934	ug/l	96
38) Carbon Tetrachloride	5.684	117	132399	52.382	ug/l	99
39) Methylcyclohexane	7.385	83	153299	56.384	ug/l	94
40) Benzene	6.043	78	329731	49.661	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	72453	48.395	ug/l	91
42) 1,2-Dichloroethane	6.092	62	141277	50.666	ug/l	94
43) Isopropyl Acetate	6.348	43	213199	48.374	ug/l	93
44) Trichloroethene	7.128	130	98477	53.906	ug/l	93
45) 1,2-Dichloropropane	7.433	63	90198	52.656	ug/l	98
46) Dibromomethane	7.586	93	70364	54.779	ug/l	97
47) Bromodichloromethane	7.823	83	130371	55.380	ug/l	99
48) Methyl methacrylate	7.695	41	108202	49.581	ug/l	87
49) 1,4-Dioxane	7.659	88	44949	899.234	ug/l	96
51) 4-Methyl-2-Pentanone	8.579	43	704912	242.270	ug/l	91
52) Toluene	8.720	92	219559	51.191	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	150221	56.300	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	145203	53.520	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	100733	56.800	ug/l	97
56) Ethyl methacrylate	9.122	69	155505	55.091	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	164053	54.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	338989	243.298	ug/l	97
59) 2-Hexanone	9.433	43	609344	265.929	ug/l	90
60) Dibromochloromethane	9.524	129	108638	53.892	ug/l	99
61) 1,2-Dibromoethane	9.610	107	110854	56.937	ug/l	99
64) Tetrachloroethene	9.274	164	89773	55.131	ug/l	95
65) Chlorobenzene	10.079	112	255464	52.121	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	101681	55.664	ug/l	98
67) Ethyl Benzene	10.195	91	470374	54.214	ug/l	99
68) m/p-Xylenes	10.305	106	378027	113.622	ug/l	100
69) o-Xylene	10.646	106	175284	53.278	ug/l	100
70) Styrene	10.658	104	304073	55.272	ug/l	98
71) Bromoform	10.805	173	73480	46.337	ug/l	100
73) Isopropylbenzene	10.963	105	447333	50.969	ug/l	100
74) N-amyl acetate	10.847	43	196276	48.620	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	148838	47.953	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	136094m	48.272	ug/l	
77) Bromobenzene	11.201	156	112242	49.700	ug/l	94
78) n-propylbenzene	11.305	91	530744	51.731	ug/l	99
79) 2-Chlorotoluene	11.366	91	317692	50.832	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	394151	52.570	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	49577	48.527	ug/l	90
82) 4-Chlorotoluene	11.457	91	372247	50.622	ug/l	100
83) tert-Butylbenzene	11.719	119	389418	51.807	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	393343	52.763	ug/l	99
85) sec-Butylbenzene	11.896	105	489572	52.941	ug/l	99
86) p-Isopropyltoluene	12.012	119	421372	53.436	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	214177	49.798	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	216518	48.734	ug/l	99
89) n-Butylbenzene	12.335	91	376022	53.854	ug/l	97
90) Hexachloroethane	12.542	117	70110	54.069	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	211421	49.724	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37089	49.490	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	148517	54.862	ug/l	99
94) Hexachlorobutadiene	13.725	225	68506	55.320	ug/l	98
95) Naphthalene	13.780	128	487914	56.310	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	144210	51.986	ug/l	99

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

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