

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023329.D
 Acq On : 16 Jul 2021 16:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/19/2021 5:53:17 PM

Quant Time: Jul 17 02:10:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	257674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402267	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168966	48.790	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.391	113	127979	49.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.540%
50) Toluene-d8	8.653	98	459190	47.388	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.085	95	187127	50.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	109869	47.058	ug/l	99
3) Chloromethane	1.295	50	98326	42.565	ug/l	98
4) Vinyl Chloride	1.374	62	107805	44.055	ug/l	98
5) Bromomethane	1.599	94	60571	48.109	ug/l	98
6) Chloroethane	1.679	64	69926	43.701	ug/l	97
7) Trichlorofluoromethane	1.880	101	199174	46.835	ug/l	99
8) Diethyl Ether	2.136	74	71760	45.718	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	127402	51.193	ug/l	96
10) Methyl Iodide	2.453	142	143395	46.924	ug/l	92
11) Tert butyl alcohol	2.983	59	174226	239.139	ug/l	97
12) 1,1-Dichloroethene	2.319	96	109647	47.736	ug/l	96
13) Acrolein	2.239	56	104330	215.049	ug/l	99
14) Allyl chloride	2.666	41	200291	50.181	ug/l	92
15) Acrylonitrile	3.069	53	364890	257.574	ug/l	97
16) Acetone	2.392	43	339403	247.718	ug/l	90
17) Carbon Disulfide	2.508	76	208823	43.107	ug/l	100
18) Methyl Acetate	2.709	43	177690	53.426	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	446544	51.981	ug/l	99
20) Methylene Chloride	2.788	84	131490	44.574	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	117748	47.466	ug/l	97
22) Diisopropyl ether	3.770	45	411601	48.914	ug/l	98
23) Vinyl Acetate	3.727	43	1795895	252.166	ug/l	96
24) 1,1-Dichloroethane	3.611	63	238638	50.192	ug/l	98
25) 2-Butanone	4.568	43	529003	256.044	ug/l	95
26) 2,2-Dichloropropane	4.477	77	212510	53.253	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	146480	48.750	ug/l	95
28) Bromochloromethane	4.904	49	103162	45.735	ug/l	99
29) Tetrahydrofuran	5.013	42	333513	251.119	ug/l	93
30) Chloroform	5.099	83	261209	50.859	ug/l	99
31) Cyclohexane	5.477	56	184858	44.582	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	236153	52.794	ug/l	99
36) 1,1-Dichloropropene	5.696	75	172650	48.144	ug/l	99
37) Ethyl Acetate	4.727	43	201095	51.404	ug/l	96
38) Carbon Tetrachloride	5.684	117	209030	55.843	ug/l	100
39) Methylcyclohexane	7.385	83	204671	48.798	ug/l	96
40) Benzene	6.044	78	500678	48.088	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	113387	51.847	ug/l	93
42) 1,2-Dichloroethane	6.092	62	219777	52.532	ug/l	94
43) Isopropyl Acetate	6.348	43	332241	51.059	ug/l	94
44) Trichloroethene	7.129	130	148680	50.339	ug/l	97
45) 1,2-Dichloropropane	7.434	63	134552	49.505	ug/l	96
46) Dibromomethane	7.586	93	98618	50.806	ug/l	98
47) Bromodichloromethane	7.824	83	196705	55.504	ug/l	96
48) Methyl methacrylate	7.696	41	162624	50.933	ug/l	89
49) 1,4-Dioxane	7.665	88	67192	935.041	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1052274	260.970	ug/l	93
52) Toluene	8.720	92	330750	49.086	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	213667	47.817	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	222335	47.766	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	145961	51.584	ug/l	97
56) Ethyl methacrylate	9.122	69	227684	52.073	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	234460	50.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	578713	243.321	ug/l	100
59) 2-Hexanone	9.433	43	818636	264.608	ug/l	89
60) Dibromochloromethane	9.525	129	155147	49.161	ug/l	99
61) 1,2-Dibromoethane	9.610	107	153731	52.936	ug/l	99
64) Tetrachloroethene	9.275	164	155752	52.563	ug/l	93
65) Chlorobenzene	10.080	112	376676	51.291	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	148632	55.975	ug/l	99
67) Ethyl Benzene	10.195	91	671118	51.694	ug/l	99
68) m/p-Xylenes	10.305	106	521729	105.261	ug/l	99
69) o-Xylene	10.646	106	259993	52.047	ug/l	99
70) Styrene	10.659	104	439686	53.885	ug/l	98
71) Bromoform	10.805	173	114269	50.575	ug/l #	99
73) Isopropylbenzene	10.964	105	695267	50.530	ug/l	100
74) N-amyl acetate	10.848	43	286588	49.085	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	216190	49.454	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	211024m	53.690	ug/l	
77) Bromobenzene	11.201	156	171296	49.862	ug/l	96
78) n-propylbenzene	11.305	91	801873	50.399	ug/l	98
79) 2-Chlorotoluene	11.366	91	492408	50.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	603308	50.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	71951	51.012	ug/l	93
82) 4-Chlorotoluene	11.457	91	571969	51.507	ug/l	99
83) tert-Butylbenzene	11.719	119	587578	52.253	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	608159	51.945	ug/l	99
85) sec-Butylbenzene	11.896	105	764278	52.822	ug/l	100
86) p-Isopropyltoluene	12.012	119	651374	53.666	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	326262	50.576	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	330999	50.958	ug/l	99
89) n-Butylbenzene	12.335	91	561824	52.841	ug/l	99
90) Hexachloroethane	12.542	117	105965	50.974	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	327223	50.990	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56416	52.473	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	214917	54.367	ug/l	99
94) Hexachlorobutadiene	13.725	225	94931	56.718	ug/l	97
95) Naphthalene	13.780	128	725134	49.737	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	216675	54.499	ug/l	98

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

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