

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023135.D
 Acq On : 06 Jul 2021 10:24
 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
 7/7/2021 6:27:54 PM

Quant Time: Jul 07 03:11:44 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	5.562	168	418209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	656347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	606257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	303672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	258943	46.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.140%		
35) Dibromofluoromethane	5.391	113	207757	49.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	8.653	98	763288	48.278	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.085	95	304600	49.905	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	202762	53.508	ug/l	99
3) Chloromethane	1.294	50	184030	49.086	ug/l	100
4) Vinyl Chloride	1.374	62	201489	50.733	ug/l	98
5) Bromomethane	1.599	94	85156	40.897	ug/l	98
6) Chloroethane	1.679	64	119235	45.913	ug/l	100
7) Trichlorofluoromethane	1.886	101	326289	47.274	ug/l	96
8) Diethyl Ether	2.142	74	120411	47.266	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	209553	51.880	ug/l	97
10) Methyl Iodide	2.453	142	251208	50.649	ug/l	94
11) Tert butyl alcohol	2.977	59	286674	242.440	ug/l	99
12) 1,1-Dichloroethene	2.319	96	191801	51.449	ug/l	97
13) Acrolein	2.239	56	180482	229.213	ug/l	99
14) Allyl chloride	2.666	41	342823	52.921	ug/l	95
15) Acrylonitrile	3.075	53	559051	243.147	ug/l	98
16) Acetone	2.386	43	567055	255.002	ug/l	93
17) Carbon Disulfide	2.514	76	434454	55.257	ug/l	99
18) Methyl Acetate	2.709	43	258643	47.915	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	717959	51.494	ug/l	100
20) Methylene Chloride	2.794	84	215909	45.096	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	202161	50.211	ug/l	97
22) Diisopropyl ether	3.770	45	675782	49.481	ug/l	98
23) Vinyl Acetate	3.733	43	2916009	252.273	ug/l	97
24) 1,1-Dichloroethane	3.617	63	386700	50.112	ug/l	98
25) 2-Butanone	4.568	43	835071	249.033	ug/l	96
26) 2,2-Dichloropropane	4.483	77	362155	55.916	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	243439	49.919	ug/l	98
28) Bromochloromethane	4.904	49	170616	46.604	ug/l	99
29) Tetrahydrofuran	5.013	42	512572	237.793	ug/l	93
30) Chloroform	5.105	83	407326	48.865	ug/l	100
31) Cyclohexane	5.477	56	331347	49.235	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	378552	52.143	ug/l	99
36) 1,1-Dichloropropene	5.702	75	293509	50.162	ug/l	99
37) Ethyl Acetate	4.727	43	306756	48.059	ug/l	97
38) Carbon Tetrachloride	5.684	117	333440	54.595	ug/l	99
39) Methylcyclohexane	7.385	83	362176	52.923	ug/l	99
40) Benzene	6.044	78	846963	49.857	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	172209	48.261	ug/l	94
42) 1,2-Dichloroethane	6.098	62	328060	48.059	ug/l	96
43) Isopropyl Acetate	6.348	43	519048	48.888	ug/l	96
44) Trichloroethene	7.129	130	240799	49.967	ug/l	96
45) 1,2-Dichloropropane	7.434	63	222056	50.073	ug/l	100
46) Dibromomethane	7.586	93	157446	49.713	ug/l	98
47) Bromodichloromethane	7.824	83	311916	53.942	ug/l	97
48) Methyl methacrylate	7.696	41	251702	48.315	ug/l	91
49) 1,4-Dioxane	7.665	88	115742	987.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1572570	239.030	ug/l	94
52) Toluene	8.720	92	554318	50.419	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	358926	49.150	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	378088	49.692	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	231829	50.215	ug/l	97
56) Ethyl methacrylate	9.122	69	370543	51.940	ug/l	91
57) 1,3-Dichloropropane	9.311	76	373940	49.004	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	908870	234.382	ug/l	100
59) 2-Hexanone	9.433	43	1235093	244.677	ug/l	91
60) Dibromochloromethane	9.525	129	249028	48.412	ug/l	100
61) 1,2-Dibromoethane	9.616	107	243400	51.368	ug/l	99
64) Tetrachloroethene	9.275	164	235897	48.785	ug/l	92
65) Chlorobenzene	10.086	112	606616	50.618	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	236751	54.637	ug/l	99
67) Ethyl Benzene	10.195	91	1093735	51.626	ug/l	99
68) m/p-Xylenes	10.305	106	853207	105.486	ug/l	99
69) o-Xylene	10.646	106	419062	51.408	ug/l	100
70) Styrene	10.659	104	708128	53.180	ug/l	98
71) Bromoform	10.805	173	182165	49.501	ug/l	100
73) Isopropylbenzene	10.963	105	1119465	52.329	ug/l	100
74) N-amyl acetate	10.848	43	458588	50.517	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	335978	49.432	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	317154m	51.900	ug/l	
77) Bromobenzene	11.201	156	269908	50.533	ug/l	98
78) n-propylbenzene	11.305	91	1287570	52.049	ug/l	99
79) 2-Chlorotoluene	11.366	91	782713	51.195	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	957085	51.960	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	121393	54.949	ug/l	99
82) 4-Chlorotoluene	11.457	91	907670	52.572	ug/l	99
83) tert-Butylbenzene	11.719	119	928616	53.114	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	955636	52.499	ug/l	99
85) sec-Butylbenzene	11.896	105	1199458	53.318	ug/l	99
86) p-Isopropyltoluene	12.012	119	1014046	53.735	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	509936	50.842	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	513531	50.849	ug/l	98
89) n-Butylbenzene	12.335	91	903979	54.684	ug/l	99
90) Hexachloroethane	12.542	117	170865	52.754	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	500403	50.153	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	81808	49.113	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	332638	54.122	ug/l	98
94) Hexachlorobutadiene	13.725	225	146548	56.315	ug/l	99
95) Naphthalene	13.780	128	1108331	48.916	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	332939	53.861	ug/l	99

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

