

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023211.D
 Acq On : 08 Jul 2021 19:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:42:26 PM

Quant Time: Jul 09 08:15:23 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	266319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	429435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177193	49.505	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.000%		
35) Dibromofluoromethane	5.397	113	135094	48.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.653	98	497367	48.081	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.160%		
62) 4-Bromofluorobenzene	11.085	95	196038	49.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	127139	52.687	ug/l	98
3) Chloromethane	1.294	50	117032	49.019	ug/l	100
4) Vinyl Chloride	1.374	62	127856	50.553	ug/l	99
5) Bromomethane	1.599	94	58095	44.227	ug/l	96
6) Chloroethane	1.678	64	80389	48.609	ug/l	97
7) Trichlorofluoromethane	1.886	101	218383	49.685	ug/l	98
8) Diethyl Ether	2.142	74	81305	50.118	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	142662	55.464	ug/l	97
10) Methyl Iodide	2.453	142	152609	48.318	ug/l	93
11) Tert butyl alcohol	2.983	59	192683	255.888	ug/l	98
12) 1,1-Dichloroethene	2.319	96	119886	50.500	ug/l	93
13) Acrolein	2.245	56	87445	174.394	ug/l	99
14) Allyl chloride	2.666	41	217516	52.728	ug/l	92
15) Acrylonitrile	3.075	53	381490	260.550	ug/l	98
16) Acetone	2.392	43	348078	245.802	ug/l	92
17) Carbon Disulfide	2.514	76	237670	47.469	ug/l	98
18) Methyl Acetate	2.715	43	179114	52.106	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	478183	53.857	ug/l	100
20) Methylene Chloride	2.794	84	145591	47.752	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	130808	51.019	ug/l	95
22) Diisopropyl ether	3.776	45	452711	52.053	ug/l	95
23) Vinyl Acetate	3.733	43	1955465	265.659	ug/l	96
24) 1,1-Dichloroethane	3.617	63	256633	52.225	ug/l	98
25) 2-Butanone	4.568	43	545284	255.356	ug/l	96
26) 2,2-Dichloropropane	4.483	77	203659	49.379	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	160378	51.643	ug/l	97
28) Bromochloromethane	4.910	49	110874	47.558	ug/l	98
29) Tetrahydrofuran	5.019	42	348188	253.659	ug/l	93
30) Chloroform	5.105	83	276158	52.024	ug/l	98
31) Cyclohexane	5.477	56	206921	48.283	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	248509	53.753	ug/l	99
36) 1,1-Dichloropropene	5.702	75	189406	49.475	ug/l	99
37) Ethyl Acetate	4.727	43	212663	50.922	ug/l	96
38) Carbon Tetrachloride	5.684	117	212649	53.215	ug/l	99
39) Methylcyclohexane	7.385	83	221487	49.467	ug/l	98
40) Benzene	6.050	78	555840	50.009	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	121821	52.179	ug/l	92
42) 1,2-Dichloroethane	6.098	62	235078	52.634	ug/l	95
43) Isopropyl Acetate	6.354	43	347835	50.074	ug/l	94
44) Trichloroethene	7.135	130	186860	59.263	ug/l	98
45) 1,2-Dichloropropane	7.440	63	148245	51.093	ug/l	98
46) Dibromomethane	7.586	93	106601	51.444	ug/l	97
47) Bromodichloromethane	7.830	83	206531	54.590	ug/l	98
48) Methyl methacrylate	7.702	41	173435	50.882	ug/l	89
49) 1,4-Dioxane	7.665	88	78143	1018.639	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1099650	255.466	ug/l	93
52) Toluene	8.726	92	368324	51.204	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	225173	47.239	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	238116	47.913	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	155745	51.560	ug/l	99
56) Ethyl methacrylate	9.122	69	247715	53.070	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	256452	51.365	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	617126	243.062	ug/l	99
59) 2-Hexanone	9.433	43	841351	254.746	ug/l	90
60) Dibromochloromethane	9.525	129	157267	46.837	ug/l	99
61) 1,2-Dibromoethane	9.616	107	165194	53.284	ug/l	100
64) Tetrachloroethene	9.281	164	159598	49.899	ug/l	95
65) Chlorobenzene	10.085	112	403892	50.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	159435	55.627	ug/l	98
67) Ethyl Benzene	10.195	91	730448	52.125	ug/l	99
68) m/p-Xylenes	10.305	106	560464	104.758	ug/l	99
69) o-Xylene	10.646	106	281119	52.137	ug/l	100
70) Styrene	10.659	104	475367	53.972	ug/l	98
71) Bromoform	10.805	173	113098	46.712	ug/l	100
73) Isopropylbenzene	10.963	105	744095	52.775	ug/l	100
74) N-amyl acetate	10.848	43	303926	50.799	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	231264	51.626	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	214375m	53.228	ug/l	
77) Bromobenzene	11.201	156	181121	51.451	ug/l	98
78) n-propylbenzene	11.305	91	847749	51.997	ug/l	99
79) 2-Chlorotoluene	11.366	91	522641	51.868	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	637553	52.517	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	70626	49.066	ug/l	94
82) 4-Chlorotoluene	11.457	91	596846	52.451	ug/l	100
83) tert-Butylbenzene	11.719	119	618242	53.654	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	638403	53.214	ug/l	98
85) sec-Butylbenzene	11.896	105	789159	53.226	ug/l	100
86) p-Isopropyltoluene	12.012	119	658740	52.964	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	339022	51.286	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	342920	51.520	ug/l	99
89) n-Butylbenzene	12.335	91	568505	52.180	ug/l	98
90) Hexachloroethane	12.542	117	102491	48.282	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	340802	51.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54465	49.585	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	213073	52.601	ug/l	98
94) Hexachlorobutadiene	13.731	225	90374	52.693	ug/l	99
95) Naphthalene	13.780	128	741870	49.660	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	217788	53.458	ug/l	98

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

