

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023897.D
 Acq On : 20 Aug 2021 23:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/23/2021 11:32:36 AM

Quant Time: Aug 21 01:16:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	201281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	322871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127234	45.291	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.580%		
35) Dibromofluoromethane	5.397	113	96105	44.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.940%		
50) Toluene-d8	8.653	98	358491	44.076	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.160%#		
62) 4-Bromofluorobenzene	11.085	95	137519	45.929	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	102115	48.085	ug/l	100
3) Chloromethane	1.294	50	108490	46.537	ug/l	99
4) Vinyl Chloride	1.374	62	108055	47.524	ug/l	99
5) Bromomethane	1.599	94	65815	46.040	ug/l	99
6) Chloroethane	1.678	64	69578	41.371	ug/l	100
7) Trichlorofluoromethane	1.886	101	177723	49.498	ug/l	98
8) Diethyl Ether	2.142	74	62832	50.110	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	98120	48.564	ug/l	97
10) Methyl Iodide	2.453	142	140055	49.785	ug/l	95
11) Tert butyl alcohol	2.983	59	133735	235.400	ug/l	98
12) 1,1-Dichloroethene	2.319	96	94757	49.054	ug/l	96
13) Acrolein	2.245	56	85483	252.850	ug/l	98
14) Allyl chloride	2.666	41	171492	48.173	ug/l	91
15) Acrylonitrile	3.075	53	313542	247.698	ug/l	98
16) Acetone	2.392	43	283348	225.579	ug/l	92
17) Carbon Disulfide	2.514	76	238412	51.748	ug/l	99
18) Methyl Acetate	2.715	43	157674	50.284	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	343803	51.138	ug/l	99
20) Methylene Chloride	2.794	84	109705	45.724	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	100104	48.516	ug/l	99
22) Diisopropyl ether	3.776	45	351551	49.582	ug/l	94
23) Vinyl Acetate	3.733	43	1446061	252.119	ug/l	94
24) 1,1-Dichloroethane	3.617	63	192514	48.787	ug/l	98
25) 2-Butanone	4.574	43	464078	243.927	ug/l	91
26) 2,2-Dichloropropane	4.489	77	134512	41.534	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	119471	48.662	ug/l	98
28) Bromochloromethane	4.904	49	85604	47.712	ug/l	93
29) Tetrahydrofuran	5.019	42	302973	245.854	ug/l	88
30) Chloroform	5.105	83	203158	48.624	ug/l	99
31) Cyclohexane	5.483	56	173645	48.112	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	180993	50.590	ug/l	98
36) 1,1-Dichloropropene	5.696	75	146912	49.134	ug/l	99
37) Ethyl Acetate	4.727	43	176717	48.081	ug/l #	94
38) Carbon Tetrachloride	5.684	117	159927	51.293	ug/l	100
39) Methylcyclohexane	7.385	83	177312	48.704	ug/l	96
40) Benzene	6.044	78	427498	48.352	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	98281	49.326	ug/l	90
42) 1,2-Dichloroethane	6.098	62	174021	50.080	ug/l	95
43) Isopropyl Acetate	6.354	43	290356	50.505	ug/l	92
44) Trichloroethene	7.135	130	116658	47.764	ug/l	99
45) 1,2-Dichloropropane	7.440	63	114130	48.612	ug/l	98
46) Dibromomethane	7.586	93	81904	50.131	ug/l	96
47) Bromodichloromethane	7.830	83	152778	51.690	ug/l	99
48) Methyl methacrylate	7.702	41	143287	51.091	ug/l	85
49) 1,4-Dioxane	7.665	88	52308	882.502	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	957773	257.725	ug/l	90
52) Toluene	8.726	92	282417	49.295	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	173309	45.592	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	179974	50.252	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	117508	49.820	ug/l	98
56) Ethyl methacrylate	9.122	69	192584	47.818	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	195591	49.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	464802	244.724	ug/l	97
59) 2-Hexanone	9.433	43	734513	257.128	ug/l	87
60) Dibromochloromethane	9.525	129	125203	48.128	ug/l	99
61) 1,2-Dibromoethane	9.616	107	127422	51.138	ug/l	99
64) Tetrachloroethene	9.275	164	121216	49.721	ug/l	95
65) Chlorobenzene	10.086	112	308999	48.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	118612	52.322	ug/l	99
67) Ethyl Benzene	10.195	91	554097	49.817	ug/l	100
68) m/p-Xylenes	10.305	106	428270	101.089	ug/l	99
69) o-Xylene	10.646	106	210111	50.468	ug/l	100
70) Styrene	10.659	104	354285	52.235	ug/l	98
71) Bromoform	10.805	173	90035	48.920	ug/l #	98
73) Isopropylbenzene	10.963	105	561302	50.818	ug/l	99
74) N-amyl acetate	10.848	43	254188	50.923	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	171579	47.399	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	165778m	49.075	ug/l	
77) Bromobenzene	11.201	156	133868	49.208	ug/l	98
78) n-propylbenzene	11.305	91	636940	50.418	ug/l	99
79) 2-Chlorotoluene	11.366	91	387875	50.797	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	468260	51.588	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	55665	48.472	ug/l	90
82) 4-Chlorotoluene	11.457	91	442002	50.997	ug/l	99
83) tert-Butylbenzene	11.719	119	451944	51.266	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	462431	51.095	ug/l	99
85) sec-Butylbenzene	11.896	105	583759	52.303	ug/l	100
86) p-Isopropyltoluene	12.012	119	482352	52.510	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	244332	49.641	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	242889	49.479	ug/l	99
89) n-Butylbenzene	12.335	91	417806	50.940	ug/l	98
90) Hexachloroethane	12.542	117	79354	49.571	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	232932	48.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40682	48.021	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	145129	50.571	ug/l	99
94) Hexachlorobutadiene	13.731	225	60321	47.159	ug/l	99
95) Naphthalene	13.780	128	511301	48.317	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146700	51.327	ug/l	99

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

