

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
 Data File : VX023312.D
 Acq On : 15 Jul 2021 20:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:41:42 AM

Quant Time: Jul 16 03:55:50 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	260522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	411607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	174446	49.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.640%
35) Dibromofluoromethane	5.397	113	135706	51.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	8.653	98	481087	48.522	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.085	95	197429	51.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	114507	48.508	ug/l	97
3) Chloromethane	1.294	50	98827	42.315	ug/l	98
4) Vinyl Chloride	1.374	62	111832	45.201	ug/l	99
5) Bromomethane	1.599	94	51868	39.858	ug/l	99
6) Chloroethane	1.679	64	70036	43.291	ug/l	100
7) Trichlorofluoromethane	1.880	101	202224	47.033	ug/l	99
8) Diethyl Ether	2.142	74	75796	47.762	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	127897	50.830	ug/l	96
10) Methyl Iodide	2.453	142	150164	48.601	ug/l	92
11) Tert butyl alcohol	2.983	59	188806	256.319	ug/l	97
12) 1,1-Dichloroethene	2.319	96	113542	48.892	ug/l	95
13) Acrolein	2.245	56	107099	218.344	ug/l	99
14) Allyl chloride	2.666	41	203249	50.365	ug/l	93
15) Acrylonitrile	3.075	53	386460	269.818	ug/l	97
16) Acetone	2.392	43	362634	261.780	ug/l	91
17) Carbon Disulfide	2.508	76	227620	46.473	ug/l	100
18) Methyl Acetate	2.715	43	190081	56.527	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	466422	53.701	ug/l	99
20) Methylene Chloride	2.794	84	135234	45.342	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	121851	48.583	ug/l	97
22) Diisopropyl ether	3.770	45	422676	49.681	ug/l	94
23) Vinyl Acetate	3.733	43	1846405	256.424	ug/l	96
24) 1,1-Dichloroethane	3.617	63	246677	51.316	ug/l	98
25) 2-Butanone	4.568	43	565569	270.749	ug/l	96
26) 2,2-Dichloropropane	4.483	77	194508	48.209	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	152253	50.118	ug/l	99
28) Bromochloromethane	4.910	49	108976	47.784	ug/l	99
29) Tetrahydrofuran	5.019	42	356704	265.645	ug/l	94
30) Chloroform	5.105	83	269920	51.980	ug/l	100
31) Cyclohexane	5.477	56	189136	45.115	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	246200	54.439	ug/l	99
36) 1,1-Dichloropropene	5.702	75	177966	48.500	ug/l	99
37) Ethyl Acetate	4.727	43	214172	53.505	ug/l	96
38) Carbon Tetrachloride	5.684	117	213841	55.831	ug/l	97
39) Methylcyclohexane	7.385	83	204524	47.657	ug/l	98
40) Benzene	6.044	78	523163	49.108	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	116892	52.237	ug/l	94
42) 1,2-Dichloroethane	6.098	62	221926	51.842	ug/l	96
43) Isopropyl Acetate	6.355	43	346360	52.021	ug/l	95
44) Trichloroethene	7.135	130	152477	50.453	ug/l	99
45) 1,2-Dichloropropane	7.434	63	138651	49.856	ug/l	97
46) Dibromomethane	7.586	93	102770	51.744	ug/l	99
47) Bromodichloromethane	7.830	83	203416	56.095	ug/l	99
48) Methyl methacrylate	7.702	41	168349	51.529	ug/l	89
49) 1,4-Dioxane	7.665	88	70658	960.962	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1104181	267.630	ug/l	93
52) Toluene	8.720	92	343003	49.749	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	218766	47.846	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	228539	47.975	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	150605	52.018	ug/l	97
56) Ethyl methacrylate	9.122	69	240244	53.699	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	240714	50.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	591285	242.973	ug/l	99
59) 2-Hexanone	9.433	43	855770	270.334	ug/l	91
60) Dibromochloromethane	9.525	129	162740	50.318	ug/l	99
61) 1,2-Dibromoethane	9.616	107	159095	53.540	ug/l	100
64) Tetrachloroethene	9.275	164	162203	53.424	ug/l	93
65) Chlorobenzene	10.086	112	388881	51.680	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	156360	57.470	ug/l	99
67) Ethyl Benzene	10.195	91	678663	51.018	ug/l	99
68) m/p-Xylenes	10.305	106	528184	104.002	ug/l	99
69) o-Xylene	10.646	106	264777	51.731	ug/l	100
70) Styrene	10.659	104	446615	53.418	ug/l	98
71) Bromoform	10.805	173	120448	51.912	ug/l	98
73) Isopropylbenzene	10.963	105	704629	52.211	ug/l	99
74) N-amyl acetate	10.848	43	296416	51.759	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	223858	52.208	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	215572m	55.918	ug/l	
77) Bromobenzene	11.201	156	178035	52.836	ug/l	94
78) n-propylbenzene	11.305	91	797294	51.090	ug/l	98
79) 2-Chlorotoluene	11.366	91	498319	51.666	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	601378	51.752	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	69937	50.595	ug/l	93
82) 4-Chlorotoluene	11.457	91	564876	51.862	ug/l	100
83) tert-Butylbenzene	11.719	119	589643	53.460	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	605596	52.737	ug/l	99
85) sec-Butylbenzene	11.896	105	753185	53.072	ug/l	99
86) p-Isopropyltoluene	12.012	119	637422	53.542	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	330207	52.187	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	323335	50.750	ug/l	98
89) n-Butylbenzene	12.335	91	538405	51.628	ug/l	98
90) Hexachloroethane	12.542	117	106644	52.225	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	326890	51.933	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59373	56.114	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	210675	54.335	ug/l	98
94) Hexachlorobutadiene	13.725	225	90036	54.843	ug/l	99
95) Naphthalene	13.780	128	749948	52.374	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	220999	56.672	ug/l	98

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

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