

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022529.D
 Acq On : 07 Jun 2021 12:29
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:58:08 PM

Quant Time: Jun 07 12:54:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 12:49:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	73358	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	144682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	135243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60737	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129317	111.021	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 222.040%#	
35) Dibromofluoromethane	5.397	113	96050	104.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 208.300%#	
50) Toluene-d8	8.653	98	376995	105.528	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 211.060%#	
62) 4-Bromofluorobenzene	11.085	95	142622	108.832	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 217.660%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	95118	106.283	ug/l	98
3) Chloromethane	1.294	50	106528	110.080	ug/l	100
4) Vinyl Chloride	1.374	62	109749	108.373	ug/l	99
5) Bromomethane	1.599	94	52363	89.272	ug/l	100
6) Chloroethane	1.672	64	65769	108.645	ug/l	99
7) Trichlorofluoromethane	1.880	101	157845	107.761	ug/l	98
8) Diethyl Ether	2.136	74	61753	98.879	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	94911	108.455	ug/l	90
10) Methyl Iodide	2.453	142	116149	121.966	ug/l	95
11) Tert butyl alcohol	2.989	59	148144	559.080	ug/l	99
12) 1,1-Dichloroethene	2.313	96	93787	110.275	ug/l	92
13) Acrolein	2.239	56	69955	422.376	ug/l	99
14) Allyl chloride	2.666	41	185274	117.818	ug/l	96
15) Acrylonitrile	3.075	53	313048	597.651	ug/l	100
16) Acetone	2.392	43	282297	557.198	ug/l	96
17) Carbon Disulfide	2.508	76	240673	109.481	ug/l	99
18) Methyl Acetate	2.709	43	163500	119.908	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	326849	112.298	ug/l	99
20) Methylene Chloride	2.794	84	113899	102.646	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	106874	115.363	ug/l	95
22) Diisopropyl ether	3.770	45	357463	117.736	ug/l	# 91
23) Vinyl Acetate	3.733	43	1744643	596.534	ug/l	96
24) 1,1-Dichloroethane	3.611	63	204537	115.250	ug/l	98
25) 2-Butanone	4.568	43	496346	604.717	ug/l	93
26) 2,2-Dichloropropane	4.483	77	161429	104.186	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	126450	112.798	ug/l	97
28) Bromochloromethane	4.904	49	99427	115.301	ug/l	# 80
29) Tetrahydrofuran	5.019	42	296037	603.682	ug/l	88
30) Chloroform	5.105	83	205008	112.379	ug/l	99
31) Cyclohexane	5.477	56	165825	113.600	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	170122	109.721	ug/l	97
36) 1,1-Dichloropropene	5.702	75	153315	113.535	ug/l	98
37) Ethyl Acetate	4.727	43	191509	114.592	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	139903	108.475	ug/l	99
39) Methylcyclohexane	7.385	83	165977	108.776	ug/l	94
40) Benzene	6.044	78	464235	111.861	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	102726	115.286	ug/l	94
42) 1,2-Dichloroethane	6.092	62	168346	114.943	ug/l	97
43) Isopropyl Acetate	6.354	43	318475	116.873	ug/l	93
44) Trichloroethene	7.129	130	108765	106.542	ug/l	94
45) 1,2-Dichloropropane	7.440	63	122971	116.643	ug/l	97
46) Dibromomethane	7.586	93	81088	113.928	ug/l #	84
47) Bromodichloromethane	7.830	83	153971	109.201	ug/l	96
48) Methyl methacrylate	7.702	41	151558	120.828	ug/l	89
49) 1,4-Dioxane	7.665	88	57606	2353.297	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	991837	604.775	ug/l	91
52) Toluene	8.726	92	287065	109.956	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	187086	114.561	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	197657	112.137	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	116643	110.056	ug/l	99
56) Ethyl methacrylate	9.122	69	200816	117.343	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	206773	113.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	512931	548.750	ug/l	95
59) 2-Hexanone	9.439	43	766418	620.120	ug/l	89
60) Dibromochloromethane	9.525	129	110080	109.463	ug/l	100
61) 1,2-Dibromoethane	9.616	107	119706	113.315	ug/l	98
64) Tetrachloroethene	9.281	164	91810	102.690	ug/l	92
65) Chlorobenzene	10.086	112	298322	105.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	104602	107.926	ug/l	97
67) Ethyl Benzene	10.195	91	557964	107.263	ug/l	99
68) m/p-Xylenes	10.305	106	407334	207.963	ug/l	97
69) o-Xylene	10.646	106	201596	105.879	ug/l	99
70) Styrene	10.659	104	342975	109.905	ug/l	97
71) Bromoform	10.805	173	69023	105.964	ug/l #	100
73) Isopropylbenzene	10.963	105	528240	102.555	ug/l	100
74) N-amyl acetate	10.848	43	298060	119.820	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.219	83	190188	110.365	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	170851m	112.753	ug/l	
77) Bromobenzene	11.201	156	110428	101.781	ug/l	83
78) n-propylbenzene	11.311	91	649891	107.685	ug/l	96
79) 2-Chlorotoluene	11.366	91	381161	104.360	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	446740	104.869	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	66725	108.345	ug/l	94
82) 4-Chlorotoluene	11.457	91	441489	104.447	ug/l	95
83) tert-Butylbenzene	11.719	119	406941	100.147	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	453439	105.616	ug/l	98
85) sec-Butylbenzene	11.896	105	542693	104.711	ug/l	98
86) p-Isopropyltoluene	12.012	119	455042	104.124	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	217678	103.924	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	216104	99.668	ug/l	96
89) n-Butylbenzene	12.335	91	449729	110.749	ug/l	97
90) Hexachloroethane	12.542	117	72423	103.040	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	203255	101.021	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41316	113.079	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	127408	105.269	ug/l	97
94) Hexachlorobutadiene	13.725	225	44358	95.052	ug/l	98
95) Naphthalene	13.780	128	528131	110.746	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	127842	104.414	ug/l	96

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

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