

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022635.D
 Acq On : 10 Jun 2021 11:25
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 6/11/2021 6:08:35 PM

Quant Time: Jun 10 11:56:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:37:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	66590	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	124246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55520	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121835	102.919	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 205.840%#	
35) Dibromofluoromethane	5.398	113	90207	106.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 212.860%#	
50) Toluene-d8	8.653	98	352953	104.366	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 208.740%#	
62) 4-Bromofluorobenzene	11.086	95	136177	108.332	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 216.660%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	86412	111.274	ug/l	100
3) Chloromethane	1.295	50	98447	104.965	ug/l	98
4) Vinyl Chloride	1.374	62	97401	106.400	ug/l	99
5) Bromomethane	1.599	94	48714	101.284	ug/l	97
6) Chloroethane	1.673	64	59568	103.340	ug/l	98
7) Trichlorofluoromethane	1.880	101	142390	106.804	ug/l	95
8) Diethyl Ether	2.136	74	56190	103.380	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	83840	102.570	ug/l	91
10) Methyl Iodide	2.453	142	105105	109.236	ug/l	94
11) Tert butyl alcohol	2.989	59	140829	530.373	ug/l	99
12) 1,1-Dichloroethene	2.313	96	81503	96.523	ug/l	92
13) Acrolein	2.240	56	58972	439.614	ug/l	99
14) Allyl chloride	2.666	41	172440	111.373	ug/l	95
15) Acrylonitrile	3.075	53	292314	528.049	ug/l	99
16) Acetone	2.392	43	271468	510.342	ug/l	94
17) Carbon Disulfide	2.508	76	207068	101.532	ug/l	100
18) Methyl Acetate	2.715	43	163379	111.372	ug/l	92
19) Methyl tert-butyl Ether	3.124	73	307442	109.201	ug/l	97
20) Methylene Chloride	2.794	84	108034	97.275	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	96715	101.702	ug/l	94
22) Diisopropyl ether	3.776	45	344751	110.993	ug/l	90
23) Vinyl Acetate	3.733	43	1632237	558.433	ug/l	95
24) 1,1-Dichloroethane	3.617	63	190715	107.875	ug/l	99
25) 2-Butanone	4.574	43	470709	535.435	ug/l	92
26) 2,2-Dichloropropane	4.483	77	153311	113.157	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	116435	104.289	ug/l	95
28) Bromochloromethane	4.910	49	95071	106.383	ug/l	# 79
29) Tetrahydrofuran	5.020	42	280582	543.857	ug/l	87
30) Chloroform	5.105	83	193221	108.820	ug/l	100
31) Cyclohexane	5.477	56	151829	108.423	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	159514	113.261	ug/l	96
36) 1,1-Dichloropropene	5.702	75	141670	108.103	ug/l	97
37) Ethyl Acetate	4.727	43	180771	107.541	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	127605	116.068	ug/l	96
39) Methylcyclohexane	7.385	83	152367	107.477	ug/l	96
40) Benzene	6.044	78	430211	106.370	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	101427	109.663	ug/l	92
42) 1,2-Dichloroethane	6.099	62	157661	105.751	ug/l	97
43) Isopropyl Acetate	6.349	43	304763	111.769	ug/l #	92
44) Trichloroethene	7.129	130	100282	105.090	ug/l	90
45) 1,2-Dichloropropane	7.440	63	116151	111.647	ug/l	97
46) Dibromomethane	7.586	93	75639	106.667	ug/l #	85
47) Bromodichloromethane	7.830	83	145735	118.557	ug/l	99
48) Methyl methacrylate	7.696	41	144517	113.899	ug/l	89
49) 1,4-Dioxane	7.665	88	53871	2099.344	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	955235	562.336	ug/l	90
52) Toluene	8.726	92	268592	105.743	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	174931	120.393	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	186892	119.834	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	111700	112.830	ug/l	97
56) Ethyl methacrylate	9.122	69	192883	118.234	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	198537	110.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	487635	509.545	ug/l	94
59) 2-Hexanone	9.439	43	738915	569.404	ug/l	89
60) Dibromochloromethane	9.525	129	104659	127.117	ug/l	98
61) 1,2-Dibromoethane	9.616	107	115048	110.240	ug/l	98
64) Tetrachloroethene	9.281	164	81438	97.907	ug/l	91
65) Chlorobenzene	10.086	112	278875	108.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	98815	121.337	ug/l	96
67) Ethyl Benzene	10.195	91	525863	110.692	ug/l	99
68) m/p-Xylenes	10.305	106	378163	219.009	ug/l	95
69) o-Xylene	10.647	106	185368	109.796	ug/l	94
70) Styrene	10.659	104	321452	112.617	ug/l	96
71) Bromoform	10.805	173	63929	132.592	ug/l #	99
73) Isopropylbenzene	10.964	105	499651	110.419	ug/l	98
74) N-amyl acetate	10.848	43	287359	118.358	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	182133	111.821	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	166561m	115.803	ug/l	
77) Bromobenzene	11.201	156	103365	106.022	ug/l	81
78) n-propylbenzene	11.305	91	608325	110.766	ug/l	97
79) 2-Chlorotoluene	11.366	91	358366	109.652	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	423013	109.414	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	62867	126.025	ug/l	92
82) 4-Chlorotoluene	11.457	91	420145	111.064	ug/l	94
83) tert-Butylbenzene	11.720	119	389567	113.112	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	429670	110.500	ug/l	97
85) sec-Butylbenzene	11.896	105	513557	112.051	ug/l	97
86) p-Isopropyltoluene	12.012	119	429592	113.405	ug/l	95
87) 1,3-Dichlorobenzene	11.976	146	202967	107.208	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	205148	104.012	ug/l	96
89) n-Butylbenzene	12.335	91	425843	117.079	ug/l	97
90) Hexachloroethane	12.543	117	68586	129.499	ug/l	69
91) 1,2-Dichlorobenzene	12.335	146	194330	108.150	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40340	135.110	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	121957	112.894	ug/l	97
94) Hexachlorobutadiene	13.725	225	43003	111.072	ug/l	98
95) Naphthalene	13.780	128	495470	114.402	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	121231	112.287	ug/l	97

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

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