

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022636.D
 Acq On : 10 Jun 2021 11:49
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:08:37 PM

Quant Time: Jun 10 12:13:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	69024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	127239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57984	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	190217	154.060	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 308.120%#	
35) Dibromofluoromethane	5.391	113	140480	163.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 327.640%#	
50) Toluene-d8	8.653	98	542772	159.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 319.400%#	
62) 4-Bromofluorobenzene	11.085	95	219139	173.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 347.200%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	125711	156.284	ug/l	100
3) Chloromethane	1.294	50	147597	150.962	ug/l	98
4) Vinyl Chloride	1.374	62	147140	153.614	ug/l	99
5) Bromomethane	1.599	94	66867	123.257	ug/l	97
6) Chloroethane	1.666	64	81425	137.959	ug/l	99
7) Trichlorofluoromethane	1.874	101	206513	148.945	ug/l	97
8) Diethyl Ether	2.142	74	81675	145.205	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.319	101	126764	150.042	ug/l	90
10) Methyl Iodide	2.447	142	158145	171.794	ug/l	94
11) Tert butyl alcohol	2.995	59	205630	707.264	ug/l	99
12) 1,1-Dichloroethene	2.313	96	126765	151.528	ug/l	96
13) Acrolein	2.245	56	89981	746.300	ug/l	100
14) Allyl chloride	2.660	41	261993	164.280	ug/l	96
15) Acrylonitrile	3.075	53	435767	776.482	ug/l	99
16) Acetone	2.392	43	395451	704.181	ug/l	95
17) Carbon Disulfide	2.508	76	322424	175.903	ug/l	100
18) Methyl Acetate	2.715	43	236486	139.725	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	456120	158.313	ug/l	99
20) Methylene Chloride	2.788	84	157688	131.900	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	142506	154.181	ug/l	93
22) Diisopropyl ether	3.776	45	503345	158.467	ug/l	91
23) Vinyl Acetate	3.733	43	2418687	833.816	ug/l	94
24) 1,1-Dichloroethane	3.611	63	287861	155.697	ug/l	97
25) 2-Butanone	4.574	43	700340	782.469	ug/l	93
26) 2,2-Dichloropropane	4.483	77	225678	160.989	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	173667	154.220	ug/l	95
28) Bromochloromethane	4.910	49	145394	164.152	ug/l	# 77
29) Tetrahydrofuran	5.019	42	413136	794.941	ug/l	87
30) Chloroform	5.105	83	287753	156.236	ug/l	99
31) Cyclohexane	5.477	56	226600	151.644	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	235998	164.037	ug/l	96
36) 1,1-Dichloropropene	5.696	75	211797	156.402	ug/l	96
37) Ethyl Acetate	4.733	43	276969	161.894	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	195679	171.793	ug/l	97
39) Methylcyclohexane	7.385	83	224730	159.648	ug/l	93
40) Benzene	6.044	78	636448	158.305	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	152222	166.956	ug/l	92
42) 1,2-Dichloroethane	6.092	62	234359	158.516	ug/l	97
43) Isopropyl Acetate	6.355	43	457968	171.244	ug/l #	92
44) Trichloroethene	7.135	130	149330	158.207	ug/l	95
45) 1,2-Dichloropropane	7.440	63	174416	161.324	ug/l	96
46) Dibromomethane	7.586	93	112017	167.063	ug/l #	85
47) Bromodichloromethane	7.830	83	224720	184.390	ug/l	100
48) Methyl methacrylate	7.702	41	219428	170.837	ug/l	88
49) 1,4-Dioxane	7.671	88	77811	3134.074	ug/l #	94
51) 4-Methyl-2-Pentanone	8.586	43	1398773	816.943	ug/l	91
52) Toluene	8.726	92	392919	156.760	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	269501	193.827	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	284072	185.477	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	164803	161.538	ug/l	99
56) Ethyl methacrylate	9.122	69	289204	179.666	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	293095	165.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	725998	785.529	ug/l	94
59) 2-Hexanone	9.439	43	1084026	831.243	ug/l	88
60) Dibromochloromethane	9.525	129	159870	198.196	ug/l	99
61) 1,2-Dibromoethane	9.616	107	168511	166.366	ug/l	99
64) Tetrachloroethene	9.275	164	115227	141.915	ug/l #	89
65) Chlorobenzene	10.086	112	411334	156.174	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	146341	175.010	ug/l	97
67) Ethyl Benzene	10.195	91	773405	160.220	ug/l	98
68) m/p-Xylenes	10.305	106	552453	315.030	ug/l	94
69) o-Xylene	10.646	106	275166	162.908	ug/l	95
70) Styrene	10.659	104	480887	171.973	ug/l	95
71) Bromoform	10.805	173	102932	221.667	ug/l	99
73) Isopropylbenzene	10.970	105	740294	156.634	ug/l	98
74) N-amyl acetate	10.848	43	427352	170.748	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.220	83	271766	162.752	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	243948m	160.534	ug/l	
77) Bromobenzene	11.201	156	156432	154.586	ug/l	80
78) n-propylbenzene	11.311	91	908711	159.724	ug/l	97
79) 2-Chlorotoluene	11.366	91	545561	158.207	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	627484	159.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	96620	198.566	ug/l	90
82) 4-Chlorotoluene	11.457	91	630277	160.040	ug/l	94
83) tert-Butylbenzene	11.719	119	589242	159.939	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	645813	162.828	ug/l	97
85) sec-Butylbenzene	11.896	105	771835	160.496	ug/l	97
86) p-Isopropyltoluene	12.012	119	646128	163.238	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	304394	159.308	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	311171	157.970	ug/l	96
89) n-Butylbenzene	12.335	91	634924	168.515	ug/l	98
90) Hexachloroethane	12.542	117	105371	198.260	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	288907	154.322	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63877	210.578	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	182371	164.140	ug/l	97
94) Hexachlorobutadiene	13.725	225	63720	159.031	ug/l	99
95) Naphthalene	13.780	128	746118	175.150	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	179292	165.833	ug/l	97

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

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