

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021242.D
 Acq On : 16 Mar 2021 12:33
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:23:48 PM

Quant Time: Mar 16 12:53:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 12:20:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	84736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	142620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	128753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	66122	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	216901	151.16	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	302.32%#	
35) Dibromofluoromethane	5.464	113	154457	157.75	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	315.50%#	
50) Toluene-d8	8.700	98	554639	157.61	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	315.22%#	
62) 4-Bromofluorobenzene	11.124	95	225011	166.65	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	333.30%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	154377	142.83	ug/l	98
3) Chloromethane	1.311	50	209772	178.29	ug/l	100
4) Vinyl Chloride	1.393	62	158675	146.87	ug/l	100
5) Bromomethane	1.617	94	62090	103.79	ug/l	98
6) Chloroethane	1.693	64	93693	145.28	ug/l	100
7) Trichlorofluoromethane	1.905	101	235048	139.48	ug/l	98
8) Diethyl Ether	2.170	74	84381	147.65	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.358	101	137153	149.42	ug/l	96
10) Methyl Iodide	2.481	142	131758	115.72	ug/l	# 89
11) Tert butyl alcohol	3.034	59	179151	717.45	ug/l	98
12) 1,1-Dichloroethene	2.346	96	134459	148.00	ug/l	88
13) Acrolein	2.275	56	105439	689.03	ug/l	99
14) Allyl chloride	2.705	41	264337	133.30	ug/l	# 89
15) Acrylonitrile	3.117	53	422884	760.78	ug/l	97
16) Acetone	2.428	43	390503	679.06	ug/l	# 88
17) Carbon Disulfide	2.546	76	380809	142.54	ug/l	99
18) Methyl Acetate	2.752	43	210173	148.91	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	515335	148.91	ug/l	99
20) Methylene Chloride	2.834	84	158097	143.86	ug/l	88
21) trans-1,2-Dichloroethene	3.134	96	147569	147.79	ug/l	89
22) Diisopropyl ether	3.829	45	538589	148.34	ug/l	95
23) Vinyl Acetate	3.787	43	2422932	761.75	ug/l	# 92
24) 1,1-Dichloroethane	3.670	63	287206	146.91	ug/l	98
25) 2-Butanone	4.640	43	622683	746.46	ug/l	89
26) 2,2-Dichloropropane	4.546	77	255683	144.44	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	172152	150.55	ug/l	91
28) Bromochloromethane	4.982	49	128329	132.86	ug/l	86
29) Tetrahydrofuran	5.088	42	403612	748.91	ug/l	86
30) Chloroform	5.176	83	300887	147.71	ug/l	99
31) Cyclohexane	5.546	56	252038	138.53	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	274524	152.23	ug/l	96
36) 1,1-Dichloropropene	5.770	75	219182	147.30	ug/l	97
37) Ethyl Acetate	4.799	43	248726	150.57	ug/l	# 93
38) Carbon Tetrachloride	5.752	117	239273	146.44	ug/l	98
39) Methylcyclohexane	7.435	83	251651	150.44	ug/l	93
40) Benzene	6.111	78	621420	148.92	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	140074	147.89	ug/l	89
42) 1,2-Dichloroethane	6.158	62	263052	148.55	ug/l	93
43) Isopropyl Acetate	6.411	43	425107	153.74	ug/l #	91
44) Trichloroethene	7.182	130	164198	149.04	ug/l	93
45) 1,2-Dichloropropane	7.488	63	166378	147.76	ug/l	98
46) Dibromomethane	7.635	93	120466	153.05	ug/l	91
47) Bromodichloromethane	7.876	83	246210	149.35	ug/l	99
48) Methyl methacrylate	7.747	41	220398	154.42	ug/l #	83
49) 1,4-Dioxane	7.717	88	73417	3056.12	ug/l #	89
51) 4-Methyl-2-Pentanone	8.623	43	1245593	787.14	ug/l	89
52) Toluene	8.765	92	379772	150.30	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	268905	157.78	ug/l	99
54) cis-1,3-Dichloropropene	8.417	75	282372	154.68	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	157901	151.30	ug/l	98
56) Ethyl methacrylate	9.159	69	265514	163.55	ug/l #	77
57) 1,3-Dichloropropane	9.353	76	272304	151.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.294	63	660595	811.88	ug/l	95
59) 2-Hexanone	9.476	43	955742	800.14	ug/l	86
60) Dibromochloromethane	9.565	129	188263	158.08	ug/l	100
61) 1,2-Dibromoethane	9.653	107	173668	158.88	ug/l	97
64) Tetrachloroethene	9.318	164	144244	133.10	ug/l	91
65) Chlorobenzene	10.118	112	414288	155.91	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	158933	151.33	ug/l	100
67) Ethyl Benzene	10.235	91	777373	157.60	ug/l	98
68) m/p-Xylenes	10.341	106	550852	310.59	ug/l	93
69) o-Xylene	10.682	106	269442	157.30	ug/l	95
70) Styrene	10.694	104	464389	159.89	ug/l	95
71) Bromoform	10.841	173	136252	166.21	ug/l #	98
73) Isopropylbenzene	11.000	105	746148	146.03	ug/l	99
74) N-amyl acetate	10.882	43	389311	158.39	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	252800	158.28	ug/l	100
76) 1,2,3-Trichloropropane	11.283	75	242659m	148.58	ug/l	
77) Bromobenzene	11.241	156	183030	150.37	ug/l	94
78) n-propylbenzene	11.347	91	872836	148.07	ug/l	99
79) 2-Chlorotoluene	11.406	91	514056	144.08	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	629035	146.13	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	92566	159.90	ug/l	91
82) 4-Chlorotoluene	11.494	91	622598	148.95	ug/l	97
83) tert-Butylbenzene	11.753	119	617121	156.58	ug/l	93
84) 1,2,4-Trimethylbenzene	11.788	105	644523	149.06	ug/l	98
85) sec-Butylbenzene	11.930	105	722930	151.78	ug/l	99
86) p-Isopropyltoluene	12.047	119	667611	152.39	ug/l	97
87) 1,3-Dichlorobenzene	12.012	146	335345	157.69	ug/l	96
88) 1,4-Dichlorobenzene	12.083	146	335968	153.45	ug/l	98
89) n-Butylbenzene	12.371	91	624605	155.84	ug/l	97
90) Hexachloroethane	12.583	117	113192	144.29	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	325504	155.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	66684	162.48	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	234341	173.93	ug/l	98
94) Hexachlorobutadiene	13.765	225	93452	160.47	ug/l	98
95) Naphthalene	13.818	128	758361	175.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	214960	161.19	ug/l	95

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

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