

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022067.D
 Acq On : 18 May 2021 21:20
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:57:28 PM

Quant Time: May 19 04:52:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 04:48:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	86595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	158371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70161	50.00	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	550565	152.95	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	305.90%#
35) Dibromofluoromethane	5.397	113	432470	154.26	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	308.52%#
50) Toluene-d8	8.659	98	1690417	159.98	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	319.96%#
62) 4-Bromofluorobenzene	11.085	95	634839	161.35	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	322.70%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	164485	151.99	ug/l	97
3) Chloromethane	1.288	50	182605	152.10	ug/l	98
4) Vinyl Chloride	1.374	62	193969	153.16	ug/l	97
5) Bromomethane	1.611	94	97450	137.61	ug/l	99
6) Chloroethane	1.679	64	77358	106.85	ug/l	99
7) Trichlorofluoromethane	1.880	101	278825	160.25	ug/l	97
8) Diethyl Ether	2.136	74	118249	155.57	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	156660	152.27	ug/l	97
10) Methyl Iodide	2.453	142	181830	167.36	ug/l	99
11) Tert butyl alcohol	3.038	59	249607	768.36	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	158580	155.11	ug/l	99
13) Acrolein	2.239	56	164133	735.20	ug/l	97
14) Allyl chloride	2.666	41	294417	150.41	ug/l	99
15) Acrylonitrile	3.075	53	506688	788.59	ug/l	98
16) Acetone	2.392	43	444061	738.40	ug/l	99
17) Carbon Disulfide	2.508	76	401656	153.18	ug/l	100
18) Methyl Acetate	2.709	43	249071	154.44	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	545661	157.18	ug/l	99
20) Methylene Chloride	2.788	84	186760	136.38	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	173867	152.16	ug/l	95
22) Diisopropyl ether	3.770	45	602793	166.26	ug/l	97
23) Vinyl Acetate	3.733	43	2931125	832.72	ug/l	99
24) 1,1-Dichloroethane	3.617	63	333530	155.98	ug/l	99
25) 2-Butanone	4.574	43	792315	777.40	ug/l	97
26) 2,2-Dichloropropane	4.483	77	256169	151.19	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	211500	155.74	ug/l	99
28) Bromochloromethane	4.910	49	161357	157.05	ug/l	97
29) Tetrahydrofuran	5.026	42	475565	805.67	ug/l	97
30) Chloroform	5.105	83	338295	156.13	ug/l	98
31) Cyclohexane	5.477	56	261365	151.95	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	291348	155.41	ug/l	100
36) 1,1-Dichloropropene	5.702	75	249784	155.74	ug/l	99
37) Ethyl Acetate	4.727	43	310990	152.45	ug/l	100
38) Carbon Tetrachloride	5.684	117	250316	156.32	ug/l	98
39) Methylcyclohexane	7.385	83	268596	157.44	ug/l	96
40) Benzene	6.044	78	761461	156.00	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	171101	160.59	ug/l	95
42) 1,2-Dichloroethane	6.098	62	266399	156.22	ug/l	100
43) Isopropyl Acetate	6.355	43	518233	158.60	ug/l	100
44) Trichloroethene	7.135	130	185722	153.45	ug/l	94
45) 1,2-Dichloropropane	7.440	63	201175	160.71	ug/l	96
46) Dibromomethane	7.586	93	133281	159.63	ug/l	98
47) Bromodichloromethane	7.830	83	276158	160.31	ug/l	99
48) Methyl methacrylate	7.702	41	240903	164.66	ug/l	98
49) 1,4-Dioxane	7.690	88	90659	2989.96	ug/l	97
51) 4-Methyl-2-Pentanone	8.586	43	1574841	798.09	ug/l	100
52) Toluene	8.726	92	488047	155.55	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	319310	170.05	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	337106	163.87	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	198062	160.05	ug/l	99
56) Ethyl methacrylate	9.122	69	340682	165.92	ug/l	99
57) 1,3-Dichloropropane	9.311	76	341938	156.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	866285	792.75	ug/l	98
59) 2-Hexanone	9.439	43	1192837	805.09	ug/l	99
60) Dibromochloromethane	9.531	129	203860	169.80	ug/l	98
61) 1,2-Dibromoethane	9.616	107	207742	162.31	ug/l	97
64) Tetrachloroethene	9.281	164	147522	143.56	ug/l	99
65) Chlorobenzene	10.086	112	504892	153.98	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	182009	157.48	ug/l	99
67) Ethyl Benzene	10.201	91	934394	157.24	ug/l	98
68) m/p-Xylenes	10.305	106	703882	309.77	ug/l	99
69) o-Xylene	10.646	106	347337	157.54	ug/l	99
70) Styrene	10.659	104	596617	162.29	ug/l	99
71) Bromoform	10.805	173	131935	172.63	ug/l #	99
73) Isopropylbenzene	10.970	105	909744	155.95	ug/l	99
74) N-amyl acetate	10.848	43	471640	164.26	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.220	83	312249	156.57	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	262194m	115.85	ug/l	
77) Bromobenzene	11.201	156	189268	154.35	ug/l	95
78) n-propylbenzene	11.311	91	1097698	159.68	ug/l	99
79) 2-Chlorotoluene	11.372	91	643724	156.12	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	765084	157.51	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	117710	171.38	ug/l	98
82) 4-Chlorotoluene	11.457	91	748076	156.68	ug/l	99
83) tert-Butylbenzene	11.719	119	708629	151.93	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	764699	152.88	ug/l	99
85) sec-Butylbenzene	11.896	105	934216	159.33	ug/l	99
86) p-Isopropyltoluene	12.012	119	795509	159.70	ug/l	99
87) 1,3-Dichlorobenzene	11.976	146	365680	152.30	ug/l	99
88) 1,4-Dichlorobenzene	12.049	146	370260	153.74	ug/l	99
89) n-Butylbenzene	12.335	91	761484	168.56	ug/l	100
90) Hexachloroethane	12.542	117	137233	162.46	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	348299	150.60	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	73674	168.02	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	225622	167.21	ug/l	98
94) Hexachlorobutadiene	13.731	225	80834	161.64	ug/l	98
95) Naphthalene	13.780	128	920171	168.13	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	221745	163.38	ug/l	99

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

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