

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020121.D
 Acq On : 18 Dec 2020 12:43
 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
 12/21/2020 3:57:59 PM

Quant Time: Dec 18 13:04:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 12:23:32 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	263004	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	431493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	406146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	214244	50.00	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	530313	150.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	301.00%#
35) Dibromofluoromethane	5.464	113	434811	155.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	310.60%#
50) Toluene-d8	8.695	98	1674351	157.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	314.66%#
62) 4-Bromofluorobenzene	11.122	95	688214	169.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	339.50%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	434562	179.09	ug/l	99
3) Chloromethane	1.313	50	472318	161.91	ug/l	100
4) Vinyl Chloride	1.392	62	526160	173.37	ug/l	100
5) Bromomethane	1.617	94	149675	148.45	ug/l	97
6) Chloroethane	1.691	64	309354	166.67	ug/l	100
7) Trichlorofluoromethane	1.904	101	682750	164.03	ug/l	98
8) Diethyl Ether	2.166	74	282188	154.08	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.361	101	387863	163.14	ug/l	99
10) Methyl Iodide	2.489	142	549331	157.31	ug/l	100
11) Tert butyl alcohol	3.038	59	553128	712.09	ug/l	99
12) 1,1-Dichloroethene	2.349	96	395114	163.41	ug/l	94
13) Acrolein	2.276	56	371178	908.80	ug/l	99
14) Allyl chloride	2.703	41	702392	167.37	ug/l	97
15) Acrylonitrile	3.117	53	1289258	792.74	ug/l	100
16) Acetone	2.422	43	1012572	750.01	ug/l	100
17) Carbon Disulfide	2.544	76	1180174	168.67	ug/l	99
18) Methyl Acetate	2.745	43	503191	153.86	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	1454646	159.64	ug/l	99
20) Methylene Chloride	2.831	84	484586	140.03	ug/l	97
21) trans-1,2-Dichloroethene	3.135	96	461111	160.74	ug/l	99
22) Diisopropyl ether	3.824	45	1404865	163.73	ug/l	93
23) Vinyl Acetate	3.782	43	6153466	837.40	ug/l	100
24) 1,1-Dichloroethane	3.666	63	821863	160.91	ug/l	100
25) 2-Butanone	4.635	43	1651314	795.04	ug/l	100
26) 2,2-Dichloropropane	4.544	77	700607	161.99	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	530679	157.03	ug/l	100
28) Bromochloromethane	4.977	49	375299	155.84	ug/l	97
29) Tetrahydrofuran	5.086	42	1064376	796.10	ug/l	98
30) Chloroform	5.172	83	829752	157.78	ug/l	99
31) Cyclohexane	5.544	56	751075	174.31	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	728333	164.19	ug/l	100
36) 1,1-Dichloropropene	5.763	75	639318	164.12	ug/l	99
37) Ethyl Acetate	4.794	43	649123	160.01	ug/l	99
38) Carbon Tetrachloride	5.751	117	629507	166.05	ug/l	98
39) Methylcyclohexane	7.440	83	784675	173.84	ug/l	99
40) Benzene	6.110	78	1926146	158.97	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	356024	160.05	ug/l	99
42) 1,2-Dichloroethane	6.159	62	650974	156.24	ug/l	100
43) Isopropyl Acetate	6.409	43	1069410	162.98	ug/l	99
44) Trichloroethene	7.183	130	500532	159.31	ug/l	97
45) 1,2-Dichloropropane	7.488	63	490020	160.69	ug/l	98
46) Dibromomethane	7.635	93	328451	159.26	ug/l	99
47) Bromodichloromethane	7.872	83	669855	164.61	ug/l	100
48) Methyl methacrylate	7.744	41	535764	165.87	ug/l	98
49) 1,4-Dioxane	7.714	88	247019	3188.51	ug/l	99
51) 4-Methyl-2-Pentanone	8.622	43	3318892	826.06	ug/l	99
52) Toluene	8.762	92	1212043	160.60	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	774129	171.73	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	825792	168.14	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	483007	157.13	ug/l	97
56) Ethyl methacrylate	9.159	69	811647	174.82	ug/l	99
57) 1,3-Dichloropropane	9.354	76	830025	157.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.293	63	1940278	789.94	ug/l	99
59) 2-Hexanone	9.476	43	2609872	842.11	ug/l	100
60) Dibromochloromethane	9.567	129	529335	170.33	ug/l	100
61) 1,2-Dibromoethane	9.653	107	516416	158.20	ug/l	100
64) Tetrachloroethene	9.317	164	433458	159.37	ug/l	94
65) Chlorobenzene	10.122	112	1281018	157.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	484459	165.24	ug/l	99
67) Ethyl Benzene	10.232	91	2324461	161.80	ug/l	99
68) m/p-Xylenes	10.341	106	1743154	321.75	ug/l	100
69) o-Xylene	10.683	106	850649	162.72	ug/l	99
70) Styrene	10.695	104	1500242	169.83	ug/l	99
71) Bromoform	10.841	173	429447	187.77	ug/l #	100
73) Isopropylbenzene	11.000	105	2276306	155.29	ug/l	100
74) N-amyl acetate	10.878	43	1028642	172.48	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.250	83	804369	153.69	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	732758m	150.39	ug/l	
77) Bromobenzene	11.238	156	583789	154.27	ug/l	99
78) n-propylbenzene	11.341	91	2665159	159.34	ug/l	99
79) 2-Chlorotoluene	11.402	91	1612620	155.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	1981934	160.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.061	75	299326	177.95	ug/l	95
82) 4-Chlorotoluene	11.494	91	1908375	156.59	ug/l	100
83) tert-Butylbenzene	11.756	119	1943548	161.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.792	105	2013268	160.56	ug/l	100
85) sec-Butylbenzene	11.927	105	2276967	166.17	ug/l	99
86) p-Isopropyltoluene	12.048	119	2118476	167.84	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	1060300	153.33	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	1096444	155.44	ug/l	99
89) n-Butylbenzene	12.372	91	1950719	175.39	ug/l	99
90) Hexachloroethane	12.579	117	382793	175.82	ug/l	98
91) 1,2-Dichlorobenzene	12.378	146	1053297	156.03	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	184917	163.82	ug/l	97
93) 1,2,4-Trichlorobenzene	13.627	180	736909	168.77	ug/l	98
94) Hexachlorobutadiene	13.762	225	306017	160.71	ug/l	96
95) Naphthalene	13.816	128	2424527	169.79	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	722433	168.98	ug/l	100

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

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