

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022421\
 Data File : VX020899.D
 Acq On : 24 Feb 2021 13:16
 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
 2/25/2021 1:08:54 PM

Quant Time: Feb 24 13:46:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:08:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	171720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	301793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	276073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	132684	50.00	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.029	65	357649	167.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	335.26%#
35) Dibromofluoromethane	5.470	113	294909	143.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	286.84%#
50) Toluene-d8	8.694	98	1141691	153.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	307.48%#
62) 4-Bromofluorobenzene	11.118	95	438466	162.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	324.18%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.181	85	280419	163.52	ug/l	99
3) Chloromethane	1.311	50	302040	183.36	ug/l	100
4) Vinyl Chloride	1.393	62	353952	187.37	ug/l	100
5) Bromomethane	1.623	94	109504	98.13	ug/l	98
6) Chloroethane	1.693	64	203759	184.69	ug/l	99
7) Trichlorofluoromethane	1.899	101	431346	144.93	ug/l	99
8) Diethyl Ether	2.170	74	196943	176.48	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.358	101	273732	161.03	ug/l	97
10) Methyl Iodide	2.482	142	391103	165.37	ug/l	96
11) Tert butyl alcohol	3.040	59	388899	901.52	ug/l	99
12) 1,1-Dichloroethene	2.346	96	282215	167.14	ug/l	98
13) Acrolein	2.276	56	245325	843.13	ug/l	99
14) Allyl chloride	2.705	41	469969	193.09	ug/l	98
15) Acrylonitrile	3.123	53	828904	906.18	ug/l	99
16) Acetone	2.429	43	653910	809.91	ug/l	100
17) Carbon Disulfide	2.540	76	805973	172.15	ug/l	100
18) Methyl Acetate	2.752	43	341323	178.12	ug/l	100
19) Methyl tert-butyl Ether	3.170	73	1014884	182.17	ug/l	99
20) Methylene Chloride	2.834	84	327410	163.17	ug/l	95
21) trans-1,2-Dichloroethene	3.140	96	313059	165.39	ug/l	97
22) Diisopropyl ether	3.829	45	932135	191.52	ug/l	92
23) Vinyl Acetate	3.788	43	4049127	971.54	ug/l	99
24) 1,1-Dichloroethane	3.670	63	552635	174.26	ug/l	99
25) 2-Butanone	4.641	43	1076089	917.97	ug/l	100
26) 2,2-Dichloropropane	4.546	77	486168	165.18	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	367979	173.03	ug/l	96
28) Bromochloromethane	4.982	49	243021	186.34	ug/l	99
29) Tetrahydrofuran	5.094	42	690067	961.75	ug/l	100
30) Chloroform	5.176	83	551115	158.23	ug/l	99
31) Cyclohexane	5.547	56	494330	190.31	ug/l	97
32) 1,1,1-Trichloroethane	5.464	97	481348	154.80	ug/l	100
36) 1,1-Dichloropropene	5.770	75	431142	155.96	ug/l	99
37) Ethyl Acetate	4.799	43	423088	166.13	ug/l	99
38) Carbon Tetrachloride	5.753	117	412831	131.98	ug/l	98
39) Methylcyclohexane	7.441	83	548068	172.29	ug/l	98
40) Benzene	6.111	78	1295109	156.19	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.011	41	233956	174.70	ug/l	99
42) 1,2-Dichloroethane	6.158	62	431930	147.01	ug/l	98
43) Isopropyl Acetate	6.411	43	716736	179.53	ug/l	100
44) Trichloroethene	7.188	130	350377	144.39	ug/l	95
45) 1,2-Dichloropropane	7.488	63	324694	158.48	ug/l	98
46) Dibromomethane	7.635	93	221079	144.94	ug/l	97
47) Bromodichloromethane	7.876	83	461976	147.95	ug/l	100
48) Methyl methacrylate	7.747	41	361808	185.80	ug/l	99
49) 1,4-Dioxane	7.717	88	170595	3518.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.623	43	2112887	865.59	ug/l	99
52) Toluene	8.765	92	823860	156.93	ug/l	96
53) t-1,3-Dichloropropene	9.024	75	532913	164.72	ug/l	98
54) cis-1,3-Dichloropropene	8.418	75	575523	166.20	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	324831	147.41	ug/l	99
56) Ethyl methacrylate	9.159	69	545250	184.91	ug/l	99
57) 1,3-Dichloropropane	9.353	76	557287	153.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.294	63	1347741	960.31	ug/l	99
59) 2-Hexanone	9.477	43	1609323	881.41	ug/l	100
60) Dibromochloromethane	9.565	129	358724	145.08	ug/l	99
61) 1,2-Dibromoethane	9.653	107	352305	150.62	ug/l	99
64) Tetrachloroethene	9.318	164	278938	114.77	ug/l	91
65) Chlorobenzene	10.124	112	865045	147.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	321221	143.08	ug/l	97
67) Ethyl Benzene	10.235	91	1567708	159.61	ug/l	98
68) m/p-Xylenes	10.341	106	1175272	316.25	ug/l	95
69) o-Xylene	10.683	106	566883	162.83	ug/l	98
70) Styrene	10.694	104	1012753	171.00	ug/l	99
71) Bromoform	10.841	173	266397	150.58	ug/l #	98
73) Isopropylbenzene	11.000	105	1507135	164.84	ug/l	99
74) N-amyl acetate	10.883	43	638913	212.64	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.253	83	503182	167.84	ug/l	100
76) 1,2,3-Trichloropropane	11.283	75	402349m	138.97	ug/l	
77) Bromobenzene	11.241	156	362620	150.14	ug/l	96
78) n-propylbenzene	11.341	91	1738915	171.10	ug/l	100
79) 2-Chlorotoluene	11.406	91	1041907	166.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	1269841	165.45	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.059	75	199413	183.35	ug/l	92
82) 4-Chlorotoluene	11.494	91	1241334	167.36	ug/l	98
83) tert-Butylbenzene	11.753	119	1244266	169.40	ug/l	98
84) 1,2,4-Trimethylbenzene	11.794	105	1305738	170.92	ug/l	100
85) sec-Butylbenzene	11.930	105	1479435	171.15	ug/l	100
86) p-Isopropyltoluene	12.047	119	1364778	171.64	ug/l	99
87) 1,3-Dichlorobenzene	12.012	146	637310	145.58	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	685413	152.37	ug/l	98
89) n-Butylbenzene	12.371	91	1272578	182.55	ug/l	100
90) Hexachloroethane	12.577	117	267859	175.16	ug/l	89
91) 1,2-Dichlorobenzene	12.377	146	626181	143.59	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	117108	165.68	ug/l	96
93) 1,2,4-Trichlorobenzene	13.630	180	432666	151.16	ug/l	96
94) Hexachlorobutadiene	13.765	225	165867	109.72	ug/l	99
95) Naphthalene	13.818	128	1576030	183.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	423742	146.04	ug/l	96

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

