

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019455.D
 Acq On : 18 Nov 2020 15:02
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:13 AM

Quant Time: Nov 18 16:44:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:25:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	238922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	407821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	366430	97.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.30%	
35) Dibromofluoromethane	5.46	113	273279	104.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.12%	
50) Toluene-d8	8.70	98	1068640	104.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.10%	
62) 4-Bromofluorobenzene	11.12	95	395253	106.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	291675	113.457	ug/l	99
3) Chloromethane	1.31	50	334955	99.694	ug/l	100
4) Vinyl Chloride	1.39	62	349359	107.867	ug/l	99
5) Bromomethane	1.62	94	156541	97.808	ug/l	98
6) Chloroethane	1.68	64	111458	79.358	ug/l	99
7) Trichlorofluoromethane	1.89	101	482948	106.295	ug/l	98
8) Diethyl Ether	2.17	74	193535	107.231	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	258821	102.862	ug/l	99
10) Methyl Iodide	2.48	142	345906	114.899	ug/l	99
11) Tert butyl alcohol	3.06	59	362807	521.261	ug/l	100
12) 1,1-Dichloroethene	2.34	96	259533	102.518	ug/l	99
13) Acrolein	2.28	56	256070	519.185	ug/l	100
14) Allyl chloride	2.70	41	482588	111.223	ug/l	99
15) Acrylonitrile	3.12	53	872519	559.425	ug/l	99
16) Acetone	2.43	43	738324	508.762	ug/l	100
17) Carbon Disulfide	2.54	76	768043	116.606	ug/l	99
18) Methyl Acetate	2.75	43	363804	102.599	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1008039	113.051	ug/l	100
20) Methylene Chloride	2.83	84	320233	96.062	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	304047	110.685	ug/l	97
22) Diisopropyl ether	3.83	45	989695	111.746	ug/l	93
23) Vinyl Acetate	3.78	43	4386180	596.356	ug/l	100
24) 1,1-Dichloroethane	3.67	63	565700	107.352	ug/l	99
25) 2-Butanone	4.64	43	1170044	554.006	ug/l	99
26) 2,2-Dichloropropane	4.54	77	497927	112.619	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	348500	112.311	ug/l	99
28) Bromochloromethane	4.98	49	258430	101.014	ug/l	100
29) Tetrahydrofuran	5.09	42	750693	553.995	ug/l	99
30) Chloroform	5.17	83	577110	107.133	ug/l	100
31) Cyclohexane	5.54	56	498925	110.967	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	518155	112.285	ug/l	99
36) 1,1-Dichloropropene	5.76	75	438093	111.529	ug/l	100
37) Ethyl Acetate	4.80	43	456405	112.116	ug/l	99
38) Carbon Tetrachloride	5.75	117	440472	114.707	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	519027	120.949	ug/l	99
40) Benzene	6.11	78	1297908	109.809	ug/l	99
41) Methacrylonitrile	5.01	41	245786	109.188	ug/l	98
42) 1,2-Dichloroethane	6.16	62	486596	107.336	ug/l	100
43) Isopropyl Acetate	6.42	43	757618	112.463	ug/l	99
44) Trichloroethene	7.18	130	325873	109.371	ug/l	99
45) 1,2-Dichloropropane	7.49	63	334002	108.248	ug/l	99
46) Dibromomethane	7.63	93	224802	112.325	ug/l	99
47) Bromodichloromethane	7.87	83	463496	120.225	ug/l	96
48) Methyl methacrylate	7.75	41	379230	118.746	ug/l	99
49) 1,4-Dioxane	7.72	88	147565	2301.862	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2259340	561.584	ug/l	99
52) Toluene	8.76	92	815521	114.735	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	520399	127.538	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	558408	123.218	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	316941	107.825	ug/l	99
56) Ethyl methacrylate	9.16	69	508290	128.519	ug/l	99
57) 1,3-Dichloropropane	9.35	76	553221	108.342	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1378056	590.699	ug/l	100
59) 2-Hexanone	9.48	43	1742302	577.170	ug/l	100
60) Dibromochloromethane	9.57	129	339697	127.929	ug/l	100
61) 1,2-Dibromoethane	9.65	107	335646	111.306	ug/l	98
64) Tetrachloroethene	9.32	164	295785	100.277	ug/l	98
65) Chlorobenzene	10.12	112	824450	110.453	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	307744	120.627	ug/l	98
67) Ethyl Benzene	10.23	91	1537404	116.181	ug/l	97
68) m/p-Xylenes	10.34	106	1139307	238.002	ug/l	99
69) o-Xylene	10.68	106	544295	120.111	ug/l	99
70) Styrene	10.70	104	940503	125.439	ug/l	100
71) Bromoform	10.84	173	229075	134.070	ug/l	97
73) Isopropylbenzene	11.00	105	1476065	113.073	ug/l	100
74) N-amyl acetate	10.88	43	661731	125.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	505270	111.644	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	467482m	90.875	ug/l	
77) Bromobenzene	11.24	156	345227	111.976	ug/l	97
78) n-propylbenzene	11.34	91	1732332	116.131	ug/l	100
79) 2-Chlorotoluene	11.40	91	1038135	113.371	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1285378	116.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	176291	130.661	ug/l	96
82) 4-Chlorotoluene	11.49	91	1247486	114.671	ug/l	99
83) tert-Butylbenzene	11.76	119	1198678	120.419	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1298434	119.135	ug/l	99
85) sec-Butylbenzene	11.93	105	1467156	119.766	ug/l	100
86) p-Isopropyltoluene	12.05	119	1353964	124.206	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	644826	109.739	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	659292	108.765	ug/l	99
89) n-Butylbenzene	12.37	91	1271173	124.471	ug/l	98
90) Hexachloroethane	12.58	117	236395	134.641	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	634545	109.356	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	121476	123.229	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	436114	128.066	ug/l	98
94) Hexachlorobutadiene	13.77	225	178903	113.977	ug/l	97
95) Naphthalene	13.82	128	1507491	136.883	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	429136	127.185	ug/l	98

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

