

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019494.D
 Acq On : 20 Nov 2020 12:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:43 PM

Quant Time: Nov 21 03:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	478387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	429798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	188690	49.75	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.50%
35) Dibromofluoromethane	5.46	113	154821	51.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.12%
50) Toluene-d8	8.70	98	603515	51.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.44%
62) 4-Bromofluorobenzene	11.12	95	222899	53.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.18%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156526	55.026	ug/l	100
3) Chloromethane	1.31	50	174384	53.423	ug/l	99
4) Vinyl Chloride	1.39	62	187435	53.342	ug/l	100
5) Bromomethane	1.62	94	72536	54.500	ug/l	99
6) Chloroethane	1.69	64	45082	52.911	ug/l	93
7) Trichlorofluoromethane	1.90	101	267333	52.711	ug/l	98
8) Diethyl Ether	2.17	74	108968	53.649	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	154903	54.747	ug/l	99
10) Methyl Iodide	2.48	142	186786	50.251	ug/l	98
11) Tert butyl alcohol	3.05	59	195820	272.815	ug/l	100
12) 1,1-Dichloroethene	2.34	96	153892	52.992	ug/l	98
13) Acrolein	2.28	56	123063	255.061	ug/l	100
14) Allyl chloride	2.70	41	239864	52.724	ug/l	100
15) Acrylonitrile	3.12	53	455463	269.064	ug/l	100
16) Acetone	2.43	43	389158	265.326	ug/l	99
17) Carbon Disulfide	2.54	76	418206	53.604	ug/l	100
18) Methyl Acetate	2.75	43	185943	51.683	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	547415	54.609	ug/l	99
20) Methylene Chloride	2.83	84	184262	50.263	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	176444	53.625	ug/l	98
22) Diisopropyl ether	3.82	45	507139	53.885	ug/l	98
23) Vinyl Acetate	3.78	43	2218963	281.087	ug/l	100
24) 1,1-Dichloroethane	3.67	63	305272	53.030	ug/l	99
25) 2-Butanone	4.64	43	608469	276.164	ug/l	100
26) 2,2-Dichloropropane	4.54	77	272888	54.310	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	202115	53.476	ug/l	99
28) Bromochloromethane	4.98	49	128764	46.786	ug/l	100
29) Tetrahydrofuran	5.09	42	375215	266.904	ug/l	100
30) Chloroform	5.17	83	320070	53.174	ug/l	95
31) Cyclohexane	5.54	56	264854	53.691	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	279233	54.004	ug/l	99
36) 1,1-Dichloropropene	5.76	75	242566	54.085	ug/l	99
37) Ethyl Acetate	4.79	43	235536	55.942	ug/l	99
38) Carbon Tetrachloride	5.74	117	239362	55.139	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	296532	56.785	ug/l	98
40) Benzene	6.10	78	734290	53.287	ug/l	99
41) Methacrylonitrile	5.01	41	121684	52.409	ug/l	96
42) 1,2-Dichloroethane	6.16	62	250567	53.051	ug/l	100
43) Isopropyl Acetate	6.41	43	380826	53.807	ug/l	99
44) Trichloroethene	7.18	130	191654	53.098	ug/l	97
45) 1,2-Dichloropropane	7.49	63	183615	54.126	ug/l	99
46) Dibromomethane	7.63	93	125696	54.137	ug/l	98
47) Bromodichloromethane	7.87	83	250691	55.643	ug/l	97
48) Methyl methacrylate	7.74	41	186430	56.244	ug/l	99
49) 1,4-Dioxane	7.72	88	83990	1115.993	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1144684	277.351	ug/l	99
52) Toluene	8.76	92	471885	55.978	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	281532	57.860	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	308092	57.057	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	183912	53.570	ug/l	98
56) Ethyl methacrylate	9.16	69	281780	58.004	ug/l	100
57) 1,3-Dichloropropane	9.35	76	314971	54.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	806840	283.447	ug/l	99
59) 2-Hexanone	9.48	43	890867	284.608	ug/l	99
60) Dibromochloromethane	9.56	129	191200	56.858	ug/l	99
61) 1,2-Dibromoethane	9.65	107	194295	54.904	ug/l	100
64) Tetrachloroethene	9.32	164	176912	52.365	ug/l	97
65) Chlorobenzene	10.12	112	484879	54.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	179614	55.880	ug/l	98
67) Ethyl Benzene	10.23	91	886229	57.248	ug/l	98
68) m/p-Xylenes	10.34	106	664724	115.253	ug/l	99
69) o-Xylene	10.68	106	313875	56.930	ug/l	99
70) Styrene	10.70	104	534901	52.334	ug/l	99
71) Bromoform	10.84	173	139005	50.975	ug/l #	96
73) Isopropylbenzene	11.00	105	841115	55.951	ug/l	98
74) N-amyl acetate	10.88	43	323979	57.513	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	283454	52.726	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	256318m	54.048	ug/l	
77) Bromobenzene	11.24	156	206805	53.888	ug/l	99
78) n-propylbenzene	11.34	91	983286	57.016	ug/l	100
79) 2-Chlorotoluene	11.40	91	579419	55.399	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	725343	57.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93604	53.029	ug/l	98
82) 4-Chlorotoluene	11.49	91	688926	55.954	ug/l	99
83) tert-Butylbenzene	11.76	119	700883	57.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	734586	57.570	ug/l	100
85) sec-Butylbenzene	11.93	105	837201	57.681	ug/l	100
86) p-Isopropyltoluene	12.05	119	769591	58.400	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	377635	53.581	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	394755	54.376	ug/l	99
89) n-Butylbenzene	12.37	91	702272	58.948	ug/l	99
90) Hexachloroethane	12.58	117	125793	57.046	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	384450	54.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61838	56.383	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	262063	57.665	ug/l	99
94) Hexachlorobutadiene	13.76	225	112751	54.462	ug/l	98
95) Naphthalene	13.82	128	845836	52.649	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	259308	57.043	ug/l	99

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

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