

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019012.D
 Acq On : 21 Oct 2020 20:37
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX102120

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 1:52:44 PM

Quant Time: Oct 22 18:28:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	261980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150696	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.46	113	132507	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	8.70	98	509038	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.12	95	187202	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130657	50.069	ug/l	98
3) Chloromethane	1.31	50	127368	49.089	ug/l	100
4) Vinyl Chloride	1.39	62	151960	49.636	ug/l	99
5) Bromomethane	1.64	94	157510	57.475	ug/l	100
6) Chloroethane	1.71	64	111948	53.384	ug/l	96
7) Trichlorofluoromethane	1.92	101	249917	48.306	ug/l	98
8) Diethyl Ether	2.17	74	98457	48.602	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118389	48.303	ug/l	99
10) Methyl Iodide	2.49	142	159676	46.563	ug/l	100
11) Tert butyl alcohol	3.03	59	156515	246.260	ug/l	100
12) 1,1-Dichloroethene	2.36	96	124118	48.675	ug/l	99
13) Acrolein	2.28	56	58830	245.716	ug/l	97
14) Allyl chloride	2.71	41	162386	49.227	ug/l	98
15) Acrylonitrile	3.12	53	306100	249.059	ug/l	99
16) Acetone	2.42	43	266043	248.900	ug/l	100
17) Carbon Disulfide	2.55	76	349025	47.460	ug/l	100
18) Methyl Acetate	2.75	43	132943	50.122	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	397251	49.182	ug/l	100
20) Methylene Chloride	2.84	84	144273	48.484	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	144702	48.632	ug/l	99
22) Diisopropyl ether	3.82	45	320738	49.308	ug/l	99
23) Vinyl Acetate	3.78	43	1556178	251.948	ug/l	100
24) 1,1-Dichloroethane	3.67	63	233567	49.306	ug/l	100
25) 2-Butanone	4.64	43	432832	256.279	ug/l	98
26) 2,2-Dichloropropane	4.55	77	205831	47.060	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	167884	49.717	ug/l	98
28) Bromochloromethane	4.98	49	96940	48.192	ug/l	98
29) Tetrahydrofuran	5.09	42	249710	247.370	ug/l	99
30) Chloroform	5.18	83	259633	50.483	ug/l	98
31) Cyclohexane	5.55	56	174169	47.395	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	231920	49.721	ug/l	100
36) 1,1-Dichloropropene	5.77	75	190876	48.802	ug/l	99
37) Ethyl Acetate	4.79	43	168968	50.616	ug/l	100
38) Carbon Tetrachloride	5.75	117	198696	48.401	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	207672	47.393	ug/l	97
40) Benzene	6.11	78	574153	49.844	ug/l	99
41) Methacrylonitrile	5.00	41	88356	49.273	ug/l	99
42) 1,2-Dichloroethane	6.16	62	196884	50.084	ug/l	99
43) Isopropyl Acetate	6.41	43	283900	50.215	ug/l	99
44) Trichloroethene	7.19	130	163710	48.734	ug/l	98
45) 1,2-Dichloropropane	7.49	63	138343	50.069	ug/l	98
46) Dibromomethane	7.63	93	105109	49.946	ug/l	99
47) Bromodichloromethane	7.88	83	208299	50.482	ug/l	99
48) Methyl methacrylate	7.74	41	136219	48.899	ug/l	99
49) 1,4-Dioxane	7.74	88	63255	1004.977	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	870246	261.220	ug/l	100
52) Toluene	8.77	92	380428	50.003	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	236855	50.832	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	248720	50.548	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	154794	49.909	ug/l	98
56) Ethyl methacrylate	9.16	69	229419	51.415	ug/l	99
57) 1,3-Dichloropropane	9.35	76	251362	51.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	592402	252.730	ug/l	100
59) 2-Hexanone	9.48	43	662351	266.790	ug/l	99
60) Dibromochloromethane	9.57	129	176574	52.234	ug/l	99
61) 1,2-Dibromoethane	9.65	107	166830	50.274	ug/l	99
64) Tetrachloroethene	9.32	164	145373	46.128	ug/l	92
65) Chlorobenzene	10.12	112	425286	48.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	154479	50.043	ug/l	98
67) Ethyl Benzene	10.24	91	721257	48.191	ug/l	99
68) m/p-Xylenes	10.34	106	562406	98.096	ug/l	100
69) o-Xylene	10.68	106	271303	49.444	ug/l	100
70) Styrene	10.70	104	473320	50.808	ug/l	99
71) Bromoform	10.84	173	129140	51.822	ug/l #	99
73) Isopropylbenzene	11.00	105	723289	47.967	ug/l	100
74) N-amyl acetate	10.88	43	246068	50.933	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	225316	49.600	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	211967m	50.595	ug/l	
77) Bromobenzene	11.24	156	183956	48.305	ug/l	99
78) n-propylbenzene	11.34	91	819076	47.937	ug/l	100
79) 2-Chlorotoluene	11.40	91	479280	48.082	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	606861	48.736	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	81726	49.700	ug/l	99
82) 4-Chlorotoluene	11.49	91	571421	48.178	ug/l	99
83) tert-Butylbenzene	11.76	119	611237	49.830	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	610728	48.981	ug/l	100
85) sec-Butylbenzene	11.93	105	718385	48.396	ug/l	100
86) p-Isopropyltoluene	12.05	119	666867	49.168	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	327214	46.840	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	343722	47.945	ug/l	98
89) n-Butylbenzene	12.37	91	586131	47.212	ug/l	100
90) Hexachloroethane	12.58	117	106830	51.450	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	321345	49.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50231	48.561	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223806	46.967	ug/l	98
94) Hexachlorobutadiene	13.76	225	103021	46.633	ug/l	98
95) Naphthalene	13.82	128	753291	50.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214342	46.211	ug/l	96

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

