

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018266.D
 Acq On : 08 Sep 2020 11:47
 Operator : JC/SP
 Sample : VX0908WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:17 PM

Quant Time: Sep 09 01:34:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	425606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	627344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	597772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	292180	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	5.46	113	223913	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	8.70	98	781704	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.12	95	309383	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	96313	18.587	ug/l	100
3) Chloromethane	1.31	50	86312	15.799	ug/l	98
4) Vinyl Chloride	1.39	62	91401	16.807	ug/l	96
5) Bromomethane	1.63	94	63152	24.076	ug/l	96
6) Chloroethane	1.71	64	54852	18.779	ug/l	100
7) Trichlorofluoromethane	1.92	101	158384	21.359	ug/l	95
8) Diethyl Ether	2.17	74	50467	20.068	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80930	20.187	ug/l	100
10) Methyl Iodide	2.49	142	74930	20.909	ug/l	98
11) Tert butyl alcohol	3.01	59	97856	85.179	ug/l	100
12) 1,1-Dichloroethene	2.36	96	74713	17.963	ug/l	94
13) Acrolein	2.27	56	24491	51.414	ug/l	100
14) Allyl chloride	2.71	41	134993	18.065	ug/l	96
15) Acrylonitrile	3.11	53	226623	86.963	ug/l	99
16) Acetone	2.42	43	208466	90.546	ug/l	95
17) Carbon Disulfide	2.55	76	207686	16.518	ug/l	100
18) Methyl Acetate	2.75	43	110597	19.907	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	277844	19.479	ug/l	100
20) Methylene Chloride	2.83	84	88194	17.987	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	84002	18.229	ug/l	99
22) Diisopropyl ether	3.82	45	271949	18.439	ug/l #	81
23) Vinyl Acetate	3.78	43	1207915	92.042	ug/l	98
24) 1,1-Dichloroethane	3.67	63	153593	18.295	ug/l	99
25) 2-Butanone	4.63	43	320109	84.601	ug/l	100
26) 2,2-Dichloropropane	4.54	77	145267	21.266	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	94935	17.881	ug/l	99
28) Bromochloromethane	4.98	49	72971	18.006	ug/l	95
29) Tetrahydrofuran	5.09	42	199254	82.724	ug/l	98
30) Chloroform	5.18	83	169856	19.539	ug/l	97
31) Cyclohexane	5.54	56	120382	17.022	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	155261	19.462	ug/l	100
36) 1,1-Dichloropropene	5.77	75	113823	19.671	ug/l	98
37) Ethyl Acetate	4.79	43	123212	18.334	ug/l	98
38) Carbon Tetrachloride	5.75	117	142216	21.809	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	121048	19.132	ug/l	93
40) Benzene	6.11	78	334306	19.662	ug/l	100
41) Methacrylonitrile	5.00	41	68338	18.520	ug/l	98
42) 1,2-Dichloroethane	6.16	62	144882	22.241	ug/l	98
43) Isopropyl Acetate	6.41	43	201330	18.548	ug/l	99
44) Trichloroethene	7.19	130	96805	20.150	ug/l	97
45) 1,2-Dichloropropane	7.49	63	86380	18.850	ug/l	92
46) Dibromomethane	7.63	93	66268	20.565	ug/l	99
47) Bromodichloromethane	7.87	83	135647	21.082	ug/l	97
48) Methyl methacrylate	7.74	41	100506	18.600	ug/l	98
49) 1,4-Dioxane	7.71	88	34175	349.148	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	630504	94.034	ug/l	100
52) Toluene	8.76	92	212957	19.753	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	147270	20.652	ug/l	91
54) cis-1,3-Dichloropropene	8.42	75	155638	20.603	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	93106	20.249	ug/l	98
56) Ethyl methacrylate	9.16	69	128092	18.739	ug/l	98
57) 1,3-Dichloropropane	9.35	76	149038	19.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	246065	80.023	ug/l	99
59) 2-Hexanone	9.47	43	469760	92.138	ug/l	100
60) Dibromochloromethane	9.56	129	111807	20.728	ug/l	100
61) 1,2-Dibromoethane	9.65	107	96497	19.330	ug/l	100
64) Tetrachloroethene	9.32	164	95406	21.719	ug/l	91
65) Chlorobenzene	10.12	112	237075	19.858	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	99601	21.167	ug/l	98
67) Ethyl Benzene	10.23	91	403914	19.894	ug/l	99
68) m/p-Xylenes	10.34	106	306246	40.412	ug/l	97
69) o-Xylene	10.68	106	147041	20.016	ug/l	99
70) Styrene	10.70	104	251235	20.082	ug/l	99
71) Bromoform	10.84	173	81398	20.281	ug/l #	97
73) Isopropylbenzene	11.00	105	398272	18.343	ug/l	98
74) N-amyl acetate	10.88	43	169025	16.407	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	131499	17.168	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	130848m	17.869	ug/l	
77) Bromobenzene	11.24	156	111962	18.655	ug/l	95
78) n-propylbenzene	11.34	91	461315	18.712	ug/l	100
79) 2-Chlorotoluene	11.40	91	281830	18.503	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	352912	19.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	47119	17.379	ug/l	97
82) 4-Chlorotoluene	11.49	91	339880	18.770	ug/l	99
83) tert-Butylbenzene	11.76	119	335343	19.045	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	352431	19.320	ug/l	99
85) sec-Butylbenzene	11.93	105	393110	19.632	ug/l	98
86) p-Isopropyltoluene	12.05	119	373079	20.284	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	202072	19.177	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	202768	19.218	ug/l	99
89) n-Butylbenzene	12.37	91	317527	18.914	ug/l	98
90) Hexachloroethane	12.58	117	73381	20.278	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	199686	20.131	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	34010	17.758	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	129451	19.571	ug/l	98
94) Hexachlorobutadiene	13.77	225	61102	23.420	ug/l	94
95) Naphthalene	13.82	128	386073	17.736	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	119140	18.229	ug/l	92

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

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