

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015188.D
 Acq On : 11 Mar 2020 10:30
 Operator : JC/SP
 Sample : VX0311WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:50:50 PM

Quant Time: Mar 12 06:31:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	326426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	490845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	460603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	241266	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	200325	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.48	113	160249	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	8.71	98	613183	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.13	95	219429	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.19	85	55696	19.48	ug/l	99
3) Chloromethane	1.32	50	77522	19.15	ug/l	98
4) Vinyl Chloride	1.40	62	76845	18.72	ug/l	99
5) Bromomethane	1.64	94	47799	18.94	ug/l	100
6) Chloroethane	1.72	64	46730	18.97	ug/l	97
7) Trichlorofluoromethane	1.92	101	92909	19.02	ug/l	100
8) Diethyl Ether	2.18	74	44276	20.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	64482	20.98	ug/l	98
10) Methyl Iodide	2.50	142	62462	17.99	ug/l	99
11) Tert butyl alcohol	3.05	59	69870	103.99	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61043	19.24	ug/l	99
13) Acrolein	2.28	56	59989	95.01	ug/l	100
14) Allyl chloride	2.72	41	107063	19.36	ug/l	97
15) Acrylonitrile	3.13	53	174595	104.34	ug/l	100
16) Acetone	2.44	43	163720	104.39	ug/l	96
17) Carbon Disulfide	2.56	76	155169	17.61	ug/l	99
18) Methyl Acetate	2.76	43	81310	21.20	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	206361	20.82	ug/l	99
20) Methylene Chloride	2.85	84	70933	19.33	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	66038	19.50	ug/l	97
22) Diisopropyl ether	3.84	45	231796	21.03	ug/l	92
23) Vinyl Acetate	3.80	43	955310	105.46	ug/l	100
24) 1,1-Dichloroethane	3.69	63	122272	19.99	ug/l	99
25) 2-Butanone	4.66	43	239080	104.13	ug/l	99
26) 2,2-Dichloropropane	4.56	77	92447	19.04	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	76084	20.02	ug/l	99
28) Bromochloromethane	5.00	49	61919	22.23	ug/l	92
29) Tetrahydrofuran	5.12	42	151068	102.07	ug/l	99
30) Chloroform	5.20	83	122556	20.56	ug/l	100
31) Cyclohexane	5.57	56	105411	19.32	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	97158	19.66	ug/l	98
36) 1,1-Dichloropropene	5.79	75	87672	19.32	ug/l	100
37) Ethyl Acetate	4.82	43	95508	22.69	ug/l	97
38) Carbon Tetrachloride	5.78	117	86892	20.29	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	105922	19.99	ug/l	99
40) Benzene	6.13	78	273996	20.35	ug/l	100
41) Methacrylonitrile	5.03	41	53861	21.30	ug/l	97
42) 1,2-Dichloroethane	6.18	62	100847	21.81	ug/l	99
43) Isopropyl Acetate	6.43	43	154214	20.83	ug/l	99
44) Trichloroethene	7.20	130	74276	19.81	ug/l	97
45) 1,2-Dichloropropane	7.51	63	73071	20.97	ug/l	98
46) Dibromomethane	7.65	93	47716	21.02	ug/l	98
47) Bromodichloromethane	7.89	83	92994	20.71	ug/l	98
48) Methyl methacrylate	7.76	41	75130	19.94	ug/l	100
49) 1,4-Dioxane	7.75	88	33511	411.26	ug/l	93
51) 4-Methyl-2-Pentanone	8.63	43	479603	109.55	ug/l	100
52) Toluene	8.78	92	173017	21.02	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	101707	21.28	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	113973	21.09	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	71930	21.23	ug/l	95
56) Ethyl methacrylate	9.17	69	100852	20.87	ug/l	98
57) 1,3-Dichloropropane	9.36	76	123085	21.59	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	282409	107.27	ug/l	100
59) 2-Hexanone	9.48	43	356322	109.81	ug/l	100
60) Dibromochloromethane	9.57	129	75565	21.23	ug/l	98
61) 1,2-Dibromoethane	9.67	107	75826	21.31	ug/l	98
64) Tetrachloroethene	9.33	164	78130	20.52	ug/l	98
65) Chlorobenzene	10.13	112	187153	20.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	69715	19.99	ug/l	99
67) Ethyl Benzene	10.25	91	319642	20.36	ug/l	100
68) m/p-Xylenes	10.35	106	246469	41.25	ug/l	99
69) o-Xylene	10.70	106	117115	20.47	ug/l	99
70) Styrene	10.71	104	200008	20.39	ug/l	98
71) Bromoform	10.85	173	54983	20.33	ug/l	96
73) Isopropylbenzene	11.01	105	315289	20.46	ug/l	100
74) N-amyl acetate	10.89	43	127738	19.67	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	105116	20.47	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	87213m	18.12	ug/l	
77) Bromobenzene	11.25	156	84810	19.75	ug/l	99
78) n-propylbenzene	11.35	91	369075	20.96	ug/l	99
79) 2-Chlorotoluene	11.42	91	216066	20.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	262898	20.49	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	31054	18.31	ug/l	94
82) 4-Chlorotoluene	11.51	91	255173	20.54	ug/l	99
83) tert-Butylbenzene	11.76	119	249384	20.10	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	266575	20.68	ug/l	99
85) sec-Butylbenzene	11.94	105	308555	20.60	ug/l	100
86) p-Isopropyltoluene	12.06	119	284607	20.63	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	146423	19.39	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	155218	19.91	ug/l	99
89) n-Butylbenzene	12.38	91	253198	20.63	ug/l	99
90) Hexachloroethane	12.59	117	49154	18.84	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	148711	19.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20782	20.21	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	104927	20.14	ug/l	99
94) Hexachlorobutadiene	13.77	225	51493	19.26	ug/l	96
95) Naphthalene	13.83	128	293278	19.26	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	103506	19.91	ug/l	98

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

