

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015187.D
 Acq On : 11 Mar 2020 09:57
 Operator : JC/SP
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:50:48 PM

Quant Time: Mar 12 06:29:07 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	356289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	527305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	487527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	257524	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	211181	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.49	113	175092	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	8.71	98	661594	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	11.13	95	238866	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.19	85	61287	19.64	ug/l	98
3) Chloromethane	1.32	50	83744	18.95	ug/l	99
4) Vinyl Chloride	1.41	62	80885	18.05	ug/l	97
5) Bromomethane	1.65	94	49836	18.09	ug/l	97
6) Chloroethane	1.72	64	47761	17.77	ug/l	100
7) Trichlorofluoromethane	1.93	101	96577	18.11	ug/l	99
8) Diethyl Ether	2.18	74	43059	17.83	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62654	18.68	ug/l	100
10) Methyl Iodide	2.50	142	57249	15.10	ug/l	99
11) Tert butyl alcohol	3.04	59	66637	90.86	ug/l	99
12) 1,1-Dichloroethene	2.37	96	62553	18.07	ug/l	97
13) Acrolein	2.29	56	60393	87.63	ug/l	99
14) Allyl chloride	2.72	41	115360	19.11	ug/l	93
15) Acrylonitrile	3.14	53	178104	97.52	ug/l	99
16) Acetone	2.44	43	165838	96.88	ug/l	97
17) Carbon Disulfide	2.56	76	158659	16.50	ug/l	100
18) Methyl Acetate	2.76	43	80808	19.31	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	201408	18.62	ug/l	99
20) Methylene Chloride	2.85	84	70386	17.57	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	67720	18.32	ug/l	98
22) Diisopropyl ether	3.84	45	241581	20.09	ug/l	97
23) Vinyl Acetate	3.80	43	972496	98.36	ug/l	98
24) 1,1-Dichloroethane	3.69	63	127225	19.06	ug/l	100
25) 2-Butanone	4.66	43	267546	106.76	ug/l	99
26) 2,2-Dichloropropane	4.58	77	98974	18.68	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	82153	19.81	ug/l	99
28) Bromochloromethane	5.01	49	60521	19.91	ug/l	99
29) Tetrahydrofuran	5.12	42	152123	94.17	ug/l	99
30) Chloroform	5.20	83	129723	19.94	ug/l	99
31) Cyclohexane	5.58	56	111635	18.75	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	106694	19.78	ug/l	98
36) 1,1-Dichloropropene	5.79	75	96832	19.86	ug/l	100
37) Ethyl Acetate	4.83	43	98023	21.68	ug/l	97
38) Carbon Tetrachloride	5.78	117	93086	20.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	112524	19.77	ug/l	99
40) Benzene	6.13	78	296723	20.52	ug/l	98
41) Methacrylonitrile	5.03	41	51536	18.97	ug/l	99
42) 1,2-Dichloroethane	6.18	62	104611	21.06	ug/l	96
43) Isopropyl Acetate	6.43	43	160825	20.22	ug/l	99
44) Trichloroethene	7.21	130	79880	19.83	ug/l	99
45) 1,2-Dichloropropane	7.50	63	78273	20.91	ug/l	97
46) Dibromomethane	7.65	93	51010	20.91	ug/l	95
47) Bromodichloromethane	7.89	83	98928	20.51	ug/l	96
48) Methyl methacrylate	7.76	41	79022	19.52	ug/l	98
49) 1,4-Dioxane	7.75	88	35045	400.35	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	500338	106.38	ug/l	99
52) Toluene	8.78	92	183498	20.75	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	104456	20.35	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	120667	20.79	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	75831	20.83	ug/l	97
56) Ethyl methacrylate	9.17	69	106633	20.54	ug/l	99
57) 1,3-Dichloropropane	9.37	76	128566	21.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	294863	104.26	ug/l	100
59) 2-Hexanone	9.48	43	372165	106.76	ug/l	100
60) Dibromochloromethane	9.57	129	79376	20.76	ug/l	100
61) 1,2-Dibromoethane	9.67	107	77598	20.30	ug/l	98
64) Tetrachloroethene	9.33	164	81926	20.32	ug/l	95
65) Chlorobenzene	10.13	112	198422	20.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	75370	20.42	ug/l	98
67) Ethyl Benzene	10.25	91	343052	20.64	ug/l	100
68) m/p-Xylenes	10.35	106	261417	41.34	ug/l	98
69) o-Xylene	10.70	106	122635	20.26	ug/l	98
70) Styrene	10.71	104	213082	20.53	ug/l	99
71) Bromoform	10.85	173	55527	19.40	ug/l	100
73) Isopropylbenzene	11.01	105	337547	20.52	ug/l	100
74) N-amyl acetate	10.89	43	132718	19.14	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	111630	20.36	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	91552m	17.82	ug/l	
77) Bromobenzene	11.25	156	88744	19.36	ug/l	99
78) n-propylbenzene	11.35	91	392088	20.86	ug/l	99
79) 2-Chlorotoluene	11.42	91	229210	20.42	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	283676	20.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32990	18.23	ug/l	93
82) 4-Chlorotoluene	11.51	91	267363	20.16	ug/l	100
83) tert-Butylbenzene	11.76	119	263685	19.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	283199	20.58	ug/l	99
85) sec-Butylbenzene	11.94	105	332100	20.78	ug/l	100
86) p-Isopropyltoluene	12.06	119	305902	20.77	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	159733	19.82	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	160423	19.28	ug/l	100
89) n-Butylbenzene	12.39	91	258594	19.74	ug/l	100
90) Hexachloroethane	12.59	117	51671	18.56	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	154145	19.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21205	19.32	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	108742	19.55	ug/l	100
94) Hexachlorobutadiene	13.78	225	52454	18.38	ug/l	95
95) Naphthalene	13.83	128	299727	18.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	111910	20.17	ug/l	99

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

