

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030520\
 Data File : VX015099.D
 Acq On : 05 Mar 2020 10:18
 Operator : JC/SP
 Sample : VX0305WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0305WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 4:49:37 PM

Quant Time: Mar 06 03:36:09 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	371592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	547395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	506291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	220766	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	5.49	113	179185	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.71	98	683920	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.13	95	242139	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	62637	19.250	ug/l	98
3) Chloromethane	1.32	50	88280	19.153	ug/l	97
4) Vinyl Chloride	1.40	62	85260	18.242	ug/l	99
5) Bromomethane	1.64	94	58450	20.342	ug/l	100
6) Chloroethane	1.72	64	52990	18.900	ug/l	99
7) Trichlorofluoromethane	1.93	101	108348	19.483	ug/l	97
8) Diethyl Ether	2.18	74	51251	20.347	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70416	20.125	ug/l	99
10) Methyl Iodide	2.50	142	72820	18.421	ug/l	99
11) Tert butyl alcohol	3.04	59	76117	99.517	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69447	19.232	ug/l	98
13) Acrolein	2.28	56	56691	78.870	ug/l	97
14) Allyl chloride	2.72	41	117624	18.681	ug/l	97
15) Acrylonitrile	3.13	53	181620	95.347	ug/l	100
16) Acetone	2.44	43	172769	96.771	ug/l	99
17) Carbon Disulfide	2.56	76	180620	18.011	ug/l	99
18) Methyl Acetate	2.77	43	78645	18.015	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	222756	19.741	ug/l	100
20) Methylene Chloride	2.85	84	77005	18.430	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	72373	18.770	ug/l	97
22) Diisopropyl ether	3.84	45	246486	19.649	ug/l	92
23) Vinyl Acetate	3.80	43	1019728	98.890	ug/l	99
24) 1,1-Dichloroethane	3.69	63	129724	18.632	ug/l	99
25) 2-Butanone	4.65	43	254934	97.536	ug/l	95
26) 2,2-Dichloropropane	4.57	77	102886	18.615	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	83089	19.208	ug/l	99
28) Bromochloromethane	5.00	49	62877	19.833	ug/l	98
29) Tetrahydrofuran	5.11	42	156335	92.789	ug/l	100
30) Chloroform	5.20	83	129384	19.067	ug/l	98
31) Cyclohexane	5.57	56	117628	18.941	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	110394	19.625	ug/l	99
36) 1,1-Dichloropropene	5.79	75	98921	19.548	ug/l	99
37) Ethyl Acetate	4.81	43	98959	21.082	ug/l	99
38) Carbon Tetrachloride	5.77	117	93545	19.584	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	119753	20.266	ug/l	98
40) Benzene	6.13	78	296608	19.756	ug/l	98
41) Methacrylonitrile	5.03	41	57302	20.323	ug/l	94
42) 1,2-Dichloroethane	6.18	62	108403	21.025	ug/l	97
43) Isopropyl Acetate	6.43	43	165046	19.987	ug/l	99
44) Trichloroethene	7.20	130	82284	19.680	ug/l	95
45) 1,2-Dichloropropane	7.50	63	76398	19.659	ug/l	95
46) Dibromomethane	7.65	93	50477	19.934	ug/l	98
47) Bromodichloromethane	7.89	83	101990	20.368	ug/l	98
48) Methyl methacrylate	7.76	41	79664	18.954	ug/l	96
49) 1,4-Dioxane	7.75	88	33597	369.718	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	498253	102.049	ug/l	100
52) Toluene	8.78	92	187021	20.373	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	109873	20.615	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	122396	20.314	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	77322	20.464	ug/l	98
56) Ethyl methacrylate	9.17	69	110694	20.539	ug/l	98
57) 1,3-Dichloropropane	9.36	76	129684	20.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	284427	96.875	ug/l	100
59) 2-Hexanone	9.48	43	369177	102.015	ug/l	100
60) Dibromochloromethane	9.57	129	80260	20.221	ug/l	99
61) 1,2-Dibromoethane	9.67	107	80178	20.203	ug/l	99
64) Tetrachloroethene	9.33	164	87709	20.953	ug/l	100
65) Chlorobenzene	10.13	112	200285	19.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	74276	19.379	ug/l	98
67) Ethyl Benzene	10.25	91	352069	20.398	ug/l	98
68) m/p-Xylenes	10.35	106	266726	40.616	ug/l	97
69) o-Xylene	10.69	106	126610	20.137	ug/l	100
70) Styrene	10.71	104	217180	20.146	ug/l	100
71) Bromoform	10.85	173	58318	19.621	ug/l #	99
73) Isopropylbenzene	11.01	105	343398	19.979	ug/l	100
74) N-amyl acetate	10.89	43	139601	19.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	107600	18.785	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	92816m	17.294	ug/l	
77) Bromobenzene	11.25	156	93019	19.419	ug/l	98
78) n-propylbenzene	11.35	91	397807	20.258	ug/l	100
79) 2-Chlorotoluene	11.42	91	234901	20.031	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	286357	20.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33419	17.672	ug/l	93
82) 4-Chlorotoluene	11.51	91	275039	19.852	ug/l	100
83) tert-Butylbenzene	11.76	119	272529	19.698	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	293004	20.384	ug/l	99
85) sec-Butylbenzene	11.94	105	337866	20.230	ug/l	99
86) p-Isopropyltoluene	12.06	119	312538	20.312	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	165154	19.613	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	165530	19.040	ug/l	99
89) n-Butylbenzene	12.39	91	272220	19.891	ug/l	99
90) Hexachloroethane	12.59	117	54107	18.600	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	161060	19.238	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22212	19.365	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	114433	19.692	ug/l	99
94) Hexachlorobutadiene	13.78	225	58449	19.600	ug/l	98
95) Naphthalene	13.83	128	319403	18.845	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	118311	20.405	ug/l	99

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

