

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051820\
 Data File : VX016299.D
 Acq On : 18 May 2020 15:25
 Operator : JC/SP
 Sample : VX0518WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 1:38:49 PM

Quant Time: May 19 01:31:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	316853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	498948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179754	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
35) Dibromofluoromethane	5.46	113	145082	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
50) Toluene-d8	8.70	98	559687	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
62) 4-Bromofluorobenzene	11.12	95	217415	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	55121	16.435	ug/l	98
3) Chloromethane	1.31	50	58252	14.956	ug/l	98
4) Vinyl Chloride	1.39	62	65932	15.866	ug/l	99
5) Bromomethane	1.63	94	39385	18.800	ug/l	99
6) Chloroethane	1.71	64	42325	16.740	ug/l	98
7) Trichlorofluoromethane	1.92	101	91374	16.749	ug/l	98
8) Diethyl Ether	2.17	74	40282	17.524	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54783	17.405	ug/l	99
10) Methyl Iodide	2.49	142	41714	9.867	ug/l	99
11) Tert butyl alcohol	3.01	59	87223	82.727	ug/l	99
12) 1,1-Dichloroethene	2.36	96	54833	16.648	ug/l	99
13) Acrolein	2.27	56	39532	59.917	ug/l	100
14) Allyl chloride	2.70	41	99044	16.400	ug/l	96
15) Acrylonitrile	3.11	53	190593	87.138	ug/l	98
16) Acetone	2.42	43	152870	82.172	ug/l	95
17) Carbon Disulfide	2.55	76	152548	15.279	ug/l	99
18) Methyl Acetate	2.75	43	84733	18.524	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	208784	18.388	ug/l	99
20) Methylene Chloride	2.83	84	64918	16.927	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	60507	16.485	ug/l	97
22) Diisopropyl ether	3.82	45	197262	17.314	ug/l	92
23) Vinyl Acetate	3.78	43	859823	85.779	ug/l	98
24) 1,1-Dichloroethane	3.67	63	110360	17.316	ug/l	99
25) 2-Butanone	4.63	43	255289	85.158	ug/l	100
26) 2,2-Dichloropropane	4.55	77	97498	16.751	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	71437	17.803	ug/l	96
28) Bromochloromethane	4.98	49	51126	17.592	ug/l	95
29) Tetrahydrofuran	5.09	42	165701	83.419	ug/l	96
30) Chloroform	5.17	83	111646	17.594	ug/l	96
31) Cyclohexane	5.55	56	91569	15.809	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	98790	17.127	ug/l	98
36) 1,1-Dichloropropene	5.77	75	84666	17.238	ug/l	99
37) Ethyl Acetate	4.79	43	100038	17.574	ug/l	98
38) Carbon Tetrachloride	5.76	117	86696	17.367	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83435	14.106	ug/l	99
40) Benzene	6.11	78	253339	17.629	ug/l	99
41) Methacrylonitrile	5.00	41	52478	17.070	ug/l	97
42) 1,2-Dichloroethane	6.16	62	88407	17.078	ug/l	98
43) Isopropyl Acetate	6.41	43	158546	17.456	ug/l	98
44) Trichloroethene	7.19	130	87156	17.071	ug/l	95
45) 1,2-Dichloropropane	7.49	63	66346	18.246	ug/l	100
46) Dibromomethane	7.64	93	43537	17.618	ug/l	97
47) Bromodichloromethane	7.87	83	90508	17.984	ug/l	99
48) Methyl methacrylate	7.74	41	74616	17.337	ug/l	95
49) 1,4-Dioxane	7.71	88	33733	326.812	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	501133	90.164	ug/l	99
52) Toluene	8.76	92	164045	18.314	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	105587	17.596	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	112382	17.930	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	66384	18.837	ug/l	99
56) Ethyl methacrylate	9.16	69	105911	18.411	ug/l	95
57) 1,3-Dichloropropane	9.35	76	115363	18.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	262479	85.707	ug/l	99
59) 2-Hexanone	9.47	43	380700	87.220	ug/l	97
60) Dibromochloromethane	9.57	129	72752	18.744	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70742	18.532	ug/l	99
64) Tetrachloroethene	9.32	164	99676	17.873	ug/l	97
65) Chlorobenzene	10.12	112	174007	18.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	67054	19.072	ug/l	99
67) Ethyl Benzene	10.23	91	305367	17.992	ug/l	100
68) m/p-Xylenes	10.34	106	232562	36.574	ug/l	99
69) o-Xylene	10.68	106	111551	18.250	ug/l	99
70) Styrene	10.70	104	188079	18.138	ug/l	99
71) Bromoform	10.84	173	55163	19.258	ug/l #	100
73) Isopropylbenzene	11.00	105	288261	17.157	ug/l	100
74) N-amyl acetate	10.88	43	132789	16.944	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	66499	22.444	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	94736m	18.073	ug/l	
77) Bromobenzene	11.24	156	78136	18.017	ug/l	96
78) n-propylbenzene	11.34	91	325988	16.678	ug/l	100
79) 2-Chlorotoluene	11.40	91	199782	17.316	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	237325	16.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38004	17.277	ug/l	97
82) 4-Chlorotoluene	11.49	91	236868	17.385	ug/l	99
83) tert-Butylbenzene	11.76	119	195993	16.031	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	241827	16.861	ug/l	100
85) sec-Butylbenzene	11.93	105	244552	14.815	ug/l	100
86) p-Isopropyltoluene	12.05	119	229595	14.981	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	136212	17.492	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	138171	17.482	ug/l	98
89) n-Butylbenzene	12.37	91	190073	13.576	ug/l	100
90) Hexachloroethane	12.58	117	37952	14.419	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	132002	17.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22565	16.333	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	87977	15.848	ug/l	98
94) Hexachlorobutadiene	13.77	225	33068	14.213	ug/l	98
95) Naphthalene	13.82	128	311881	17.351	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	85169	15.699	ug/l	99

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

