

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015088.D
 Acq On : 04 Mar 2020 15:34
 Operator : JC/SP
 Sample : VX0304WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 3:53:53 PM

Quant Time: Mar 05 07:54:18 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	375612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	576765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	528080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	224489	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.48	113	182400	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	696160	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	248980	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64295	19.548	ug/l	100
3) Chloromethane	1.32	50	90593	19.444	ug/l	98
4) Vinyl Chloride	1.40	62	89984	19.047	ug/l	98
5) Bromomethane	1.64	94	59997	20.657	ug/l	97
6) Chloroethane	1.72	64	55413	19.553	ug/l	99
7) Trichlorofluoromethane	1.92	101	111301	19.799	ug/l	99
8) Diethyl Ether	2.18	74	51943	20.401	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72023	20.364	ug/l	99
10) Methyl Iodide	2.50	142	71938	18.004	ug/l	99
11) Tert butyl alcohol	3.03	59	78195	101.140	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69729	19.103	ug/l	99
13) Acrolein	2.28	56	64834	89.233	ug/l	98
14) Allyl chloride	2.72	41	123133	19.347	ug/l	99
15) Acrylonitrile	3.13	53	197696	102.676	ug/l	99
16) Acetone	2.44	43	168727	93.495	ug/l	99
17) Carbon Disulfide	2.56	76	192121	18.953	ug/l	99
18) Methyl Acetate	2.76	43	85734	19.429	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	237704	20.840	ug/l	99
20) Methylene Chloride	2.85	84	80652	19.096	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	75489	19.369	ug/l	95
22) Diisopropyl ether	3.84	45	260857	20.572	ug/l	89
23) Vinyl Acetate	3.80	43	1096288	105.177	ug/l	100
24) 1,1-Dichloroethane	3.69	63	137379	19.521	ug/l	98
25) 2-Butanone	4.65	43	264897	100.263	ug/l	100
26) 2,2-Dichloropropane	4.56	77	104935	18.783	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	85289	19.506	ug/l	98
28) Bromochloromethane	5.00	49	68612	21.410	ug/l	100
29) Tetrahydrofuran	5.11	42	172064	101.031	ug/l	99
30) Chloroform	5.20	83	135522	19.757	ug/l	100
31) Cyclohexane	5.56	56	123068	19.605	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	116001	20.401	ug/l	98
36) 1,1-Dichloropropene	5.79	75	101301	18.999	ug/l	97
37) Ethyl Acetate	4.82	43	104706	21.170	ug/l	99
38) Carbon Tetrachloride	5.77	117	96426	19.159	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	124780	20.042	ug/l	98
40) Benzene	6.13	78	311766	19.708	ug/l	100
41) Methacrylonitrile	5.03	41	60045	20.212	ug/l	97
42) 1,2-Dichloroethane	6.18	62	111200	20.469	ug/l	98
43) Isopropyl Acetate	6.43	43	176934	20.335	ug/l	100
44) Trichloroethene	7.20	130	86414	19.615	ug/l	99
45) 1,2-Dichloropropane	7.50	63	81392	19.878	ug/l	99
46) Dibromomethane	7.65	93	54362	20.375	ug/l	99
47) Bromodichloromethane	7.89	83	104105	19.732	ug/l	98
48) Methyl methacrylate	7.76	41	87081	19.664	ug/l	98
49) 1,4-Dioxane	7.75	88	38441	401.482	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	533406	103.685	ug/l	100
52) Toluene	8.78	92	195234	20.185	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	116025	20.661	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126065	19.857	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	80754	20.284	ug/l	96
56) Ethyl methacrylate	9.17	69	118385	20.848	ug/l	99
57) 1,3-Dichloropropane	9.36	76	136473	20.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	307960	99.549	ug/l	100
59) 2-Hexanone	9.48	43	395580	103.745	ug/l	99
60) Dibromochloromethane	9.57	129	83825	20.044	ug/l	100
61) 1,2-Dibromoethane	9.67	107	84087	20.109	ug/l	100
64) Tetrachloroethene	9.33	164	86252	19.754	ug/l	98
65) Chlorobenzene	10.13	112	210621	19.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	79081	19.781	ug/l	99
67) Ethyl Benzene	10.24	91	366418	20.353	ug/l	99
68) m/p-Xylenes	10.35	106	283276	41.357	ug/l	100
69) o-Xylene	10.70	106	135659	20.686	ug/l	98
70) Styrene	10.71	104	227934	20.271	ug/l	99
71) Bromoform	10.85	173	61572	19.861	ug/l #	100
73) Isopropylbenzene	11.01	105	357124	20.546	ug/l	100
74) N-amyl acetate	10.89	43	147523	20.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	116516	20.114	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	113918m	20.989	ug/l	
77) Bromobenzene	11.25	156	96864	19.996	ug/l	98
78) n-propylbenzene	11.35	91	408324	20.562	ug/l	100
79) 2-Chlorotoluene	11.42	91	242466	20.446	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	300435	20.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35773	18.706	ug/l	93
82) 4-Chlorotoluene	11.51	91	287005	20.485	ug/l	99
83) tert-Butylbenzene	11.76	119	287540	20.552	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	307764	21.172	ug/l	98
85) sec-Butylbenzene	11.94	105	353609	20.937	ug/l	100
86) p-Isopropyltoluene	12.06	119	328412	21.105	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	169518	19.907	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	174048	19.797	ug/l	99
89) n-Butylbenzene	12.38	91	286121	20.674	ug/l	99
90) Hexachloroethane	12.59	117	55865	18.990	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	167185	19.747	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23881	20.588	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119468	20.329	ug/l	100
94) Hexachlorobutadiene	13.77	225	58878	19.524	ug/l	98
95) Naphthalene	13.83	128	342640	19.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	122772	20.938	ug/l	99

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

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