

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052020\
 Data File : VX016353.D
 Acq On : 20 May 2020 12:27
 Operator : JC/SP
 Sample : VX0520WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:15:20 PM

Quant Time: May 21 04:19:10 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	5.62	168	261345	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	412905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143576	41.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.50%	
35) Dibromofluoromethane	5.46	113	115963	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
50) Toluene-d8	8.70	98	460221	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
62) 4-Bromofluorobenzene	11.12	95	178280	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46482	16.803	ug/l	98
3) Chloromethane	1.31	50	52019	16.192	ug/l	99
4) Vinyl Chloride	1.39	62	55118	16.081	ug/l	100
5) Bromomethane	1.63	94	34353	19.881	ug/l	99
6) Chloroethane	1.71	64	33952	16.280	ug/l	99
7) Trichlorofluoromethane	1.92	101	75259	16.725	ug/l	97
8) Diethyl Ether	2.17	74	32120	16.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43263	16.665	ug/l	98
10) Methyl Iodide	2.49	142	42589	12.213	ug/l	99
11) Tert butyl alcohol	3.00	59	67806	77.970	ug/l	99
12) 1,1-Dichloroethene	2.36	96	44596	16.415	ug/l	97
13) Acrolein	2.27	56	54850	100.791	ug/l	100
14) Allyl chloride	2.71	41	76645	15.387	ug/l	93
15) Acrylonitrile	3.11	53	151727	84.102	ug/l	98
16) Acetone	2.42	43	118289	77.088	ug/l	93
17) Carbon Disulfide	2.55	76	116839	14.173	ug/l	100
18) Methyl Acetate	2.75	43	66026	17.500	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	168834	18.028	ug/l	99
20) Methylene Chloride	2.83	84	53256	16.836	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	49481	16.344	ug/l	98
22) Diisopropyl ether	3.82	45	158242	16.839	ug/l	99
23) Vinyl Acetate	3.78	43	669202	80.942	ug/l	98
24) 1,1-Dichloroethane	3.67	63	89698	17.063	ug/l	98
25) 2-Butanone	4.63	43	201070	81.318	ug/l	97
26) 2,2-Dichloropropane	4.55	77	79664	16.594	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	58309	17.618	ug/l	95
28) Bromochloromethane	4.98	49	39114	16.318	ug/l	93
29) Tetrahydrofuran	5.09	42	129757	79.198	ug/l	95
30) Chloroform	5.17	83	92097	17.596	ug/l	100
31) Cyclohexane	5.55	56	74698	15.635	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	81016	17.028	ug/l	98
36) 1,1-Dichloropropene	5.77	75	67142	16.519	ug/l	100
37) Ethyl Acetate	4.79	43	76895	16.323	ug/l	98
38) Carbon Tetrachloride	5.75	117	71014	17.189	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	72582	14.829	ug/l	97
40) Benzene	6.11	78	211191	17.758	ug/l	98
41) Methacrylonitrile	5.00	41	41540	16.328	ug/l	97
42) 1,2-Dichloroethane	6.16	62	71852	16.772	ug/l	97
43) Isopropyl Acetate	6.41	43	124403	16.551	ug/l	96
44) Trichloroethene	7.19	130	72183	17.085	ug/l	97
45) 1,2-Dichloropropane	7.49	63	53790	17.875	ug/l	98
46) Dibromomethane	7.63	93	36989	18.088	ug/l	100
47) Bromodichloromethane	7.87	83	74194	17.814	ug/l	97
48) Methyl methacrylate	7.74	41	58117	16.318	ug/l	94
49) 1,4-Dioxane	7.71	88	28162	329.694	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	393254	85.499	ug/l	96
52) Toluene	8.76	92	134350	18.124	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87316	17.583	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92135	17.763	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	54459	18.673	ug/l	99
56) Ethyl methacrylate	9.16	69	87648	18.411	ug/l	92
57) 1,3-Dichloropropane	9.35	76	93970	18.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	218291	86.131	ug/l	99
59) 2-Hexanone	9.47	43	299234	82.841	ug/l	95
60) Dibromochloromethane	9.57	129	59743	18.600	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57276	18.131	ug/l	100
64) Tetrachloroethene	9.32	164	80477	17.534	ug/l	98
65) Chlorobenzene	10.12	112	143834	18.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55540	19.195	ug/l	98
67) Ethyl Benzene	10.23	91	251538	18.008	ug/l	99
68) m/p-Xylenes	10.34	106	191498	36.592	ug/l	100
69) o-Xylene	10.68	106	93177	18.522	ug/l	97
70) Styrene	10.70	104	157795	18.490	ug/l	99
71) Bromoform	10.84	173	45112	19.136	ug/l #	99
73) Isopropylbenzene	11.00	105	242940	17.547	ug/l	100
74) N-amyl acetate	10.88	43	104809	16.229	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	53877	22.115	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79114m	18.315	ug/l	
77) Bromobenzene	11.24	156	64210	17.968	ug/l	97
78) n-propylbenzene	11.34	91	273489	16.980	ug/l	100
79) 2-Chlorotoluene	11.40	91	168225	17.694	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	199252	17.045	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31411	17.329	ug/l	96
82) 4-Chlorotoluene	11.49	91	195793	17.439	ug/l	99
83) tert-Butylbenzene	11.76	119	168104	16.686	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	203718	17.237	ug/l	99
85) sec-Butylbenzene	11.93	105	210589	15.482	ug/l	100
86) p-Isopropyltoluene	12.05	119	199976	15.835	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	109968	17.138	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	112583	17.287	ug/l	97
89) n-Butylbenzene	12.37	91	165630	14.356	ug/l	99
90) Hexachloroethane	12.58	117	33786	15.577	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	110585	17.898	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18268	16.046	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71604	15.653	ug/l	97
94) Hexachlorobutadiene	13.76	225	26935	14.055	ug/l	98
95) Naphthalene	13.82	128	250018	16.880	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	69856	15.626	ug/l	100

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

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