

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071620\
 Data File : VX017388.D
 Acq On : 16 Jul 2020 14:11
 Operator : JC/SP
 Sample : VX0716WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:44:13 PM

Quant Time: Jul 17 01:18:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	299037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	468945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	197904	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	5.46	113	164061	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	8.70	98	597407	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.12	95	223048	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	57499	22.724	ug/l	96
3) Chloromethane	1.31	50	64887	22.778	ug/l	97
4) Vinyl Chloride	1.39	62	63991	22.707	ug/l	96
5) Bromomethane	1.63	94	43400	23.657	ug/l	99
6) Chloroethane	1.72	64	39817	22.384	ug/l	99
7) Trichlorofluoromethane	1.92	101	98149	20.634	ug/l	96
8) Diethyl Ether	2.17	74	36199	21.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60909	22.479	ug/l	97
10) Methyl Iodide	2.49	142	64518	19.487	ug/l	99
11) Tert butyl alcohol	3.01	59	67115	106.138	ug/l	97
12) 1,1-Dichloroethene	2.36	96	59681	21.931	ug/l	95
13) Acrolein	2.27	56	29820	86.027	ug/l	99
14) Allyl chloride	2.71	41	104812	22.228	ug/l	96
15) Acrylonitrile	3.12	53	172517	112.543	ug/l	99
16) Acetone	2.42	43	145686	108.805	ug/l	100
17) Carbon Disulfide	2.55	76	177129	22.312	ug/l	99
18) Methyl Acetate	2.75	43	76106	23.013	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	193816	20.975	ug/l	98
20) Methylene Chloride	2.84	84	72303	22.132	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	67409	21.650	ug/l	95
22) Diisopropyl ether	3.82	45	213266	23.743	ug/l	98
23) Vinyl Acetate	3.79	43	903723	114.403	ug/l	99
24) 1,1-Dichloroethane	3.67	63	118507	22.450	ug/l	100
25) 2-Butanone	4.64	43	235703	110.831	ug/l	99
26) 2,2-Dichloropropane	4.55	77	101944	20.751	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	69924	20.479	ug/l	95
28) Bromochloromethane	4.98	49	58971	24.183	ug/l	92
29) Tetrahydrofuran	5.09	42	151314	109.916	ug/l	98
30) Chloroform	5.18	83	121475	21.389	ug/l	99
31) Cyclohexane	5.56	56	93669	21.675	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	110028	20.956	ug/l	98
36) 1,1-Dichloropropene	5.77	75	87476	20.280	ug/l	99
37) Ethyl Acetate	4.79	43	91492	20.510	ug/l	99
38) Carbon Tetrachloride	5.76	117	98041	19.413	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	92333	19.712	ug/l	97
40) Benzene	6.11	78	262546	21.179	ug/l	99
41) Methacrylonitrile	5.01	41	48391	20.207	ug/l	98
42) 1,2-Dichloroethane	6.16	62	97386	20.220	ug/l	98
43) Isopropyl Acetate	6.42	43	146656	20.575	ug/l	99
44) Trichloroethene	7.19	130	75258	19.875	ug/l	97
45) 1,2-Dichloropropane	7.49	63	69029	21.763	ug/l	100
46) Dibromomethane	7.64	93	48130	21.039	ug/l	96
47) Bromodichloromethane	7.87	83	97359	20.357	ug/l	98
48) Methyl methacrylate	7.74	41	71708	20.964	ug/l	97
49) 1,4-Dioxane	7.71	88	29030	414.722	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	474567	109.189	ug/l	98
52) Toluene	8.76	92	165863	20.850	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	103012	19.993	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	112646	20.498	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	69326	20.899	ug/l	96
56) Ethyl methacrylate	9.16	69	91826	19.498	ug/l	100
57) 1,3-Dichloropropane	9.35	76	115078	20.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	257622	107.735	ug/l	97
59) 2-Hexanone	9.47	43	350054	106.712	ug/l	96
60) Dibromochloromethane	9.57	129	77238	19.060	ug/l	99
61) 1,2-Dibromoethane	9.65	107	73418	20.345	ug/l	99
64) Tetrachloroethene	9.32	164	74406	19.225	ug/l	93
65) Chlorobenzene	10.12	112	179938	19.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	71684	19.813	ug/l	98
67) Ethyl Benzene	10.23	91	298656	19.742	ug/l	99
68) m/p-Xylenes	10.34	106	229652	39.898	ug/l	99
69) o-Xylene	10.68	106	105371	19.158	ug/l	100
70) Styrene	10.70	104	189441	20.066	ug/l	98
71) Bromoform	10.84	173	57517	18.839	ug/l #	98
73) Isopropylbenzene	11.00	105	290017	19.093	ug/l	99
74) N-amyl acetate	10.88	43	122138	20.094	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	98449	21.347	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	97421m	21.758	ug/l	
77) Bromobenzene	11.24	156	81767	18.900	ug/l	96
78) n-propylbenzene	11.34	91	341601	20.025	ug/l	100
79) 2-Chlorotoluene	11.40	91	207451	19.734	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	251641	19.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	32679	18.515	ug/l	98
82) 4-Chlorotoluene	11.49	91	245671	19.719	ug/l	99
83) tert-Butylbenzene	11.76	119	230168	18.467	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	254711	19.554	ug/l	100
85) sec-Butylbenzene	11.93	105	278984	19.119	ug/l	100
86) p-Isopropyltoluene	12.05	119	263320	19.071	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	150574	19.456	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	151195	19.337	ug/l	99
89) n-Butylbenzene	12.37	91	229011	19.448	ug/l	98
90) Hexachloroethane	12.58	117	52549	20.047	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	141117	19.404	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21864	17.967	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	86309	17.096	ug/l	98
94) Hexachlorobutadiene	13.76	225	39517	19.194	ug/l	99
95) Naphthalene	13.82	128	266949	17.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	90341	18.525	ug/l	96

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

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