

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017222.D
 Acq On : 07 Jul 2020 23:27
 Operator : JC/SP
 Sample : VX0707WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:58 AM

Quant Time: Jul 08 03:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	424939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165208	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.47	113	137951	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.70	98	490442	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.12	95	192809	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45703	17.042	ug/l	97
3) Chloromethane	1.31	50	47025	14.486	ug/l	99
4) Vinyl Chloride	1.39	62	51069	16.956	ug/l	95
5) Bromomethane	1.63	94	32446	20.390	ug/l	97
6) Chloroethane	1.71	64	32974	18.537	ug/l	96
7) Trichlorofluoromethane	1.92	101	89364	20.062	ug/l	99
8) Diethyl Ether	2.17	74	30479	20.553	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50300	18.841	ug/l	95
10) Methyl Iodide	2.49	142	43933	12.753	ug/l	99
11) Tert butyl alcohol	3.01	59	60702	93.109	ug/l	96
12) 1,1-Dichloroethene	2.36	96	47948	17.483	ug/l	97
13) Acrolein	2.27	56	40772	104.618	ug/l	95
14) Allyl chloride	2.71	41	83429	16.460	ug/l	97
15) Acrylonitrile	3.12	53	141329	90.176	ug/l	99
16) Acetone	2.42	43	120523	94.274	ug/l	96
17) Carbon Disulfide	2.55	76	134742	17.621	ug/l	100
18) Methyl Acetate	2.75	43	64443	19.310	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	172777	18.770	ug/l	99
20) Methylene Chloride	2.84	84	58234	19.382	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	54916	18.043	ug/l	99
22) Diisopropyl ether	3.82	45	175030	18.658	ug/l	97
23) Vinyl Acetate	3.79	43	738367	91.595	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99869	18.710	ug/l	98
25) 2-Butanone	4.64	43	193214	90.702	ug/l	98
26) 2,2-Dichloropropane	4.56	77	69041	14.567	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61603	17.863	ug/l	100
28) Bromochloromethane	4.98	49	48999	18.864	ug/l	97
29) Tetrahydrofuran	5.09	42	124339	88.342	ug/l	98
30) Chloroform	5.18	83	105023	19.194	ug/l	98
31) Cyclohexane	5.55	56	78666	17.050	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	96512	19.152	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73518	18.305	ug/l	99
37) Ethyl Acetate	4.79	43	74981	18.401	ug/l	98
38) Carbon Tetrachloride	5.75	117	88076	19.911	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76471	17.113	ug/l	94
40) Benzene	6.12	78	220448	18.682	ug/l	99
41) Methacrylonitrile	5.00	41	41949	18.291	ug/l	98
42) 1,2-Dichloroethane	6.16	62	85098	19.965	ug/l	99
43) Isopropyl Acetate	6.42	43	121995	18.017	ug/l	99
44) Trichloroethene	7.19	130	64570	19.642	ug/l	96
45) 1,2-Dichloropropane	7.49	63	57444	18.953	ug/l	100
46) Dibromomethane	7.63	93	40367	19.509	ug/l	95
47) Bromodichloromethane	7.87	83	83221	19.516	ug/l	100
48) Methyl methacrylate	7.74	41	58927	18.317	ug/l	96
49) 1,4-Dioxane	7.71	88	27825	381.793	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	385358	95.472	ug/l	100
52) Toluene	8.76	92	140804	19.112	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86768	18.442	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	93152	18.469	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	59163	19.655	ug/l	96
56) Ethyl methacrylate	9.16	69	79796	18.625	ug/l	98
57) 1,3-Dichloropropane	9.35	76	96153	18.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	195336	91.609	ug/l	98
59) 2-Hexanone	9.47	43	284639	96.558	ug/l	99
60) Dibromochloromethane	9.57	129	71049	20.322	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62405	19.287	ug/l	99
64) Tetrachloroethene	9.32	164	62649	19.414	ug/l	95
65) Chlorobenzene	10.12	112	158615	19.220	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	61744	19.414	ug/l	98
67) Ethyl Benzene	10.23	91	262282	19.031	ug/l	99
68) m/p-Xylenes	10.34	106	204624	38.668	ug/l	97
69) o-Xylene	10.68	106	94706	18.813	ug/l	98
70) Styrene	10.70	104	170666	19.908	ug/l	99
71) Bromoform	10.84	173	54093	21.448	ug/l #	99
73) Isopropylbenzene	11.00	105	266319	18.245	ug/l	99
74) N-amyl acetate	10.88	43	104621	16.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	83845	18.261	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81972m	18.706	ug/l	
77) Bromobenzene	11.24	156	73131	18.230	ug/l	97
78) n-propylbenzene	11.34	91	298693	18.096	ug/l	100
79) 2-Chlorotoluene	11.40	91	183920	18.411	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225064	18.589	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	26330	15.560	ug/l	93
82) 4-Chlorotoluene	11.49	91	221863	18.578	ug/l	98
83) tert-Butylbenzene	11.76	119	216330	18.201	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	230942	18.802	ug/l	100
85) sec-Butylbenzene	11.93	105	251394	17.994	ug/l	99
86) p-Isopropyltoluene	12.05	119	239064	18.381	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	135022	18.532	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	135328	19.579	ug/l	99
89) n-Butylbenzene	12.37	91	194911	16.784	ug/l	99
90) Hexachloroethane	12.58	117	46717	18.215	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	126005	18.502	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19443	17.751	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84484	18.175	ug/l	97
94) Hexachlorobutadiene	13.77	225	32655	19.042	ug/l	95
95) Naphthalene	13.82	128	254963	18.041	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83025	18.456	ug/l	99

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

