

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071420\
 Data File : VX017372.D
 Acq On : 14 Jul 2020 12:40
 Operator : JC/SP
 Sample : VX0714WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/15/2020 11:43:20 AM

Quant Time: Jul 15 01:45:47 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	5.63	168	287920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222103	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	176900	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.46	113	140007	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.70	98	511235	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.12	95	196294	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	49970	20.511	ug/l	96
3) Chloromethane	1.31	50	52289	19.064	ug/l	96
4) Vinyl Chloride	1.39	62	54277	20.003	ug/l	98
5) Bromomethane	1.63	94	38877	22.009	ug/l	97
6) Chloroethane	1.72	64	34195	19.965	ug/l	100
7) Trichlorofluoromethane	1.92	101	90086	19.671	ug/l	97
8) Diethyl Ether	2.17	74	32328	19.970	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50344	19.297	ug/l	95
10) Methyl Iodide	2.49	142	57540	18.225	ug/l	98
11) Tert butyl alcohol	3.01	59	59434	97.620	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49195	18.776	ug/l	97
13) Acrolein	2.27	56	26111	78.236	ug/l	99
14) Allyl chloride	2.71	41	88351	19.460	ug/l	98
15) Acrylonitrile	3.11	53	143527	97.247	ug/l	100
16) Acetone	2.42	43	122403	94.946	ug/l	99
17) Carbon Disulfide	2.55	76	149671	19.582	ug/l	100
18) Methyl Acetate	2.75	43	60462	18.988	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	179698	20.198	ug/l	98
20) Methylene Chloride	2.84	84	59495	18.915	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	58418	19.487	ug/l	97
22) Diisopropyl ether	3.82	45	179316	20.734	ug/l	96
23) Vinyl Acetate	3.78	43	777317	102.200	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99533	19.583	ug/l	99
25) 2-Butanone	4.64	43	194338	94.909	ug/l	99
26) 2,2-Dichloropropane	4.55	77	87864	18.575	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	63000	19.164	ug/l	99
28) Bromochloromethane	4.98	49	46668	19.876	ug/l	99
29) Tetrahydrofuran	5.09	42	127444	96.151	ug/l	99
30) Chloroform	5.17	83	106687	19.510	ug/l	99
31) Cyclohexane	5.54	56	82683	19.872	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	97276	19.243	ug/l	99
36) 1,1-Dichloropropene	5.77	75	75770	19.324	ug/l	99
37) Ethyl Acetate	4.79	43	78911	19.460	ug/l	97
38) Carbon Tetrachloride	5.75	117	90467	19.706	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83397	19.585	ug/l	96
40) Benzene	6.11	78	225301	19.993	ug/l	100
41) Methacrylonitrile	5.00	41	42703	19.616	ug/l	99
42) 1,2-Dichloroethane	6.16	62	88101	20.123	ug/l	100
43) Isopropyl Acetate	6.41	43	126438	19.513	ug/l	99
44) Trichloroethene	7.18	130	66509	19.322	ug/l	95
45) 1,2-Dichloropropane	7.49	63	58154	20.169	ug/l	96
46) Dibromomethane	7.63	93	42594	20.482	ug/l	97
47) Bromodichloromethane	7.87	83	86874	19.982	ug/l	99
48) Methyl methacrylate	7.74	41	61093	19.648	ug/l	100
49) 1,4-Dioxane	7.71	88	26548	417.212	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	391322	99.045	ug/l	99
52) Toluene	8.76	92	146609	20.274	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	92520	19.753	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	99689	19.955	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	61240	20.309	ug/l	95
56) Ethyl methacrylate	9.16	69	83187	19.431	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98214	19.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	219536	100.994	ug/l	99
59) 2-Hexanone	9.47	43	287519	96.418	ug/l	99
60) Dibromochloromethane	9.56	129	71196	19.326	ug/l	99
61) 1,2-Dibromoethane	9.65	107	65526	19.975	ug/l	99
64) Tetrachloroethene	9.32	164	69978	19.798	ug/l	98
65) Chlorobenzene	10.12	112	160227	19.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	64826	19.619	ug/l	99
67) Ethyl Benzene	10.23	91	271409	19.645	ug/l	96
68) m/p-Xylenes	10.34	106	210180	39.983	ug/l	100
69) o-Xylene	10.68	106	98262	19.562	ug/l	99
70) Styrene	10.70	104	171553	19.897	ug/l	99
71) Bromoform	10.84	173	54726	19.628	ug/l #	97
73) Isopropylbenzene	11.00	105	270591	19.435	ug/l	99
74) N-amyl acetate	10.88	43	107226	19.245	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84545	20.000	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	81803m	19.932	ug/l	
77) Bromobenzene	11.24	156	75082	18.934	ug/l	96
78) n-propylbenzene	11.34	91	308124	19.705	ug/l	100
79) 2-Chlorotoluene	11.40	91	185904	19.293	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	233746	19.778	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	28916	17.873	ug/l	97
82) 4-Chlorotoluene	11.49	91	225305	19.729	ug/l	100
83) tert-Butylbenzene	11.76	119	222197	19.449	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	234580	19.647	ug/l	100
85) sec-Butylbenzene	11.93	105	259101	19.371	ug/l	100
86) p-Isopropyltoluene	12.05	119	249434	19.709	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	137353	19.362	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140102	19.549	ug/l	98
89) n-Butylbenzene	12.37	91	210888	19.538	ug/l	99
90) Hexachloroethane	12.58	117	47640	19.828	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	130025	19.505	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19551	17.527	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	86634	18.721	ug/l	98
94) Hexachlorobutadiene	13.76	225	36573	19.380	ug/l	99
95) Naphthalene	13.82	128	257677	18.938	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83598	18.702	ug/l	99

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

