

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017509.D
 Acq On : 23 Jul 2020 22:49
 Operator : JC/SP
 Sample : VX0723WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:56:01 AM

Quant Time: Jul 24 06:57:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	649118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1024498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	980264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	502623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	391172	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.46	113	297714	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	
50) Toluene-d8	8.70	98	1100611	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
62) 4-Bromofluorobenzene	11.12	95	422710	42.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107232	17.137	ug/l	97
3) Chloromethane	1.32	50	133921	16.935	ug/l	99
4) Vinyl Chloride	1.39	62	131755	16.130	ug/l	99
5) Bromomethane	1.63	94	90775	18.774	ug/l	94
6) Chloroethane	1.72	64	77845	16.775	ug/l	98
7) Trichlorofluoromethane	1.92	101	207615	16.159	ug/l	98
8) Diethyl Ether	2.17	74	73066	16.632	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107502	15.247	ug/l	97
10) Methyl Iodide	2.50	142	116675	12.935	ug/l	97
11) Tert butyl alcohol	3.01	59	160077	91.090	ug/l	99
12) 1,1-Dichloroethene	2.36	96	107457	16.027	ug/l	92
13) Acrolein	2.28	56	87010	67.922	ug/l	99
14) Allyl chloride	2.71	41	186490	15.233	ug/l	99
15) Acrylonitrile	3.12	53	341654	90.012	ug/l	99
16) Acetone	2.42	43	301930	82.271	ug/l	98
17) Carbon Disulfide	2.55	76	299056	14.675	ug/l	99
18) Methyl Acetate	2.75	43	132904	15.377	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	392561	16.916	ug/l	97
20) Methylene Chloride	2.84	84	128622	17.781	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	124264	17.301	ug/l	96
22) Diisopropyl ether	3.83	45	403211	18.012	ug/l	97
23) Vinyl Acetate	3.79	43	1809445	90.658	ug/l	99
24) 1,1-Dichloroethane	3.67	63	225531	17.490	ug/l	98
25) 2-Butanone	4.64	43	496382	95.210	ug/l	100
26) 2,2-Dichloropropane	4.55	77	164730	14.271	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	138233	17.719	ug/l	98
28) Bromochloromethane	4.98	49	100281	17.161	ug/l	100
29) Tetrahydrofuran	5.09	42	315190	97.600	ug/l	98
30) Chloroform	5.18	83	236292	17.934	ug/l	97
31) Cyclohexane	5.55	56	184393	17.932	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	222734	17.927	ug/l	98
36) 1,1-Dichloropropene	5.77	75	170176	17.319	ug/l	99
37) Ethyl Acetate	4.80	43	193523	18.000	ug/l	99
38) Carbon Tetrachloride	5.76	117	199545	16.723	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183705	16.015	ug/l	99
40) Benzene	6.12	78	493032	17.502	ug/l	98
41) Methacrylonitrile	5.01	41	103283	16.760	ug/l	96
42) 1,2-Dichloroethane	6.17	62	201420	17.477	ug/l	98
43) Isopropyl Acetate	6.42	43	307644	17.343	ug/l	99
44) Trichloroethene	7.19	130	145387	17.660	ug/l	98
45) 1,2-Dichloropropane	7.49	63	132153	16.923	ug/l	100
46) Dibromomethane	7.63	93	92464	16.754	ug/l	99
47) Bromodichloromethane	7.88	83	191102	17.209	ug/l	98
48) Methyl methacrylate	7.75	41	154384	17.558	ug/l	99
49) 1,4-Dioxane	7.71	88	68211	404.622	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	982627	92.842	ug/l	99
52) Toluene	8.77	92	316464	17.517	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	208529	16.775	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	215932	17.030	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	134901	17.925	ug/l	99
56) Ethyl methacrylate	9.16	69	196349	17.317	ug/l	100
57) 1,3-Dichloropropane	9.35	76	225682	18.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	476232	79.723	ug/l	99
59) 2-Hexanone	9.48	43	754375	94.670	ug/l	98
60) Dibromochloromethane	9.57	129	162860	17.026	ug/l	99
61) 1,2-Dibromoethane	9.65	107	145853	18.203	ug/l	98
64) Tetrachloroethene	9.32	164	146283	16.627	ug/l	96
65) Chlorobenzene	10.12	112	357426	16.845	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	145266	16.964	ug/l	99
67) Ethyl Benzene	10.24	91	611036	17.252	ug/l	99
68) m/p-Xylenes	10.34	106	473602	34.516	ug/l	100
69) o-Xylene	10.68	106	223590	16.943	ug/l	99
70) Styrene	10.70	104	389675	17.355	ug/l	99
71) Bromoform	10.84	173	118334	15.950	ug/l #	99
73) Isopropylbenzene	11.00	105	610773	17.713	ug/l	100
74) N-amyl acetate	10.88	43	275688	17.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	184443	17.137	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	183726m	17.770	ug/l	
77) Bromobenzene	11.24	156	167497	17.352	ug/l	98
78) n-propylbenzene	11.34	91	694583	17.861	ug/l	99
79) 2-Chlorotoluene	11.40	91	421420	17.493	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	520000	17.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	64051	15.610	ug/l	96
82) 4-Chlorotoluene	11.49	91	493257	17.358	ug/l	100
83) tert-Butylbenzene	11.76	119	493175	17.507	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	524335	17.907	ug/l	100
85) sec-Butylbenzene	11.93	105	582515	17.751	ug/l	98
86) p-Isopropyltoluene	12.05	119	546352	17.483	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	285232	17.207	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	286191	16.668	ug/l	98
89) n-Butylbenzene	12.37	91	456781	16.404	ug/l	98
90) Hexachloroethane	12.58	117	98485	15.985	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	274694	16.861	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47391	17.344	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	177812	15.992	ug/l	99
94) Hexachlorobutadiene	13.77	225	73779	14.415	ug/l	94
95) Naphthalene	13.82	128	545202	16.425	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176635	16.089	ug/l	99

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

