

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017630.D
 Acq On : 27 Jul 2020 20:26
 Operator : JC/SP
 Sample : VX0727WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:08:41 AM

Quant Time: Jul 28 02:06:19 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	606387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	933291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	805884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	378637	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	5.47	113	298150	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.70	98	1065852	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.12	95	382349	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107299	18.430	ug/l	100
3) Chloromethane	1.31	50	127071	17.195	ug/l	98
4) Vinyl Chloride	1.39	62	126046	16.518	ug/l	98
5) Bromomethane	1.63	94	83821	18.520	ug/l	94
6) Chloroethane	1.71	64	74883	17.297	ug/l	97
7) Trichlorofluoromethane	1.92	101	205467	17.119	ug/l	99
8) Diethyl Ether	2.17	74	67254	16.368	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107182	16.273	ug/l	99
10) Methyl Iodide	2.49	142	128037	15.195	ug/l	98
11) Tert butyl alcohol	3.01	59	132049	80.436	ug/l	100
12) 1,1-Dichloroethene	2.36	96	109500	17.483	ug/l	95
13) Acrolein	2.27	56	123772	101.260	ug/l	95
14) Allyl chloride	2.71	41	195563	17.100	ug/l	97
15) Acrylonitrile	3.12	53	319235	90.032	ug/l	99
16) Acetone	2.42	43	287296	83.800	ug/l	96
17) Carbon Disulfide	2.55	76	309496	16.257	ug/l	98
18) Methyl Acetate	2.75	43	146677	18.166	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	375366	17.315	ug/l	99
20) Methylene Chloride	2.84	84	125300	18.599	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	117391	17.495	ug/l	95
22) Diisopropyl ether	3.83	45	385864	18.452	ug/l	97
23) Vinyl Acetate	3.79	43	1705018	91.445	ug/l	100
24) 1,1-Dichloroethane	3.67	63	218393	18.130	ug/l	99
25) 2-Butanone	4.64	43	448324	92.052	ug/l	98
26) 2,2-Dichloropropane	4.56	77	187360	17.375	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	134967	18.519	ug/l	97
28) Bromochloromethane	4.98	49	96337	17.648	ug/l	97
29) Tetrahydrofuran	5.09	42	288302	95.565	ug/l	99
30) Chloroform	5.18	83	226405	18.394	ug/l	99
31) Cyclohexane	5.55	56	180524	18.792	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	216049	18.614	ug/l	99
36) 1,1-Dichloropropene	5.77	75	164118	18.335	ug/l	99
37) Ethyl Acetate	4.79	43	181447	18.527	ug/l	99
38) Carbon Tetrachloride	5.76	117	196877	18.112	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	175902	16.834	ug/l	99
40) Benzene	6.11	78	475184	18.517	ug/l	100
41) Methacrylonitrile	5.01	41	101969	18.164	ug/l	99
42) 1,2-Dichloroethane	6.16	62	192699	18.355	ug/l	98
43) Isopropyl Acetate	6.42	43	288736	17.868	ug/l	98
44) Trichloroethene	7.19	130	142518	19.003	ug/l	93
45) 1,2-Dichloropropane	7.49	63	125708	17.670	ug/l	98
46) Dibromomethane	7.64	93	88743	17.651	ug/l	99
47) Bromodichloromethane	7.87	83	182795	18.070	ug/l	99
48) Methyl methacrylate	7.75	41	140471	17.537	ug/l	97
49) 1,4-Dioxane	7.71	88	52314	340.649	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	907658	94.139	ug/l	99
52) Toluene	8.77	92	301035	18.291	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	198540	17.532	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	208763	18.074	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	126411	18.438	ug/l	97
56) Ethyl methacrylate	9.16	69	188382	18.238	ug/l	99
57) 1,3-Dichloropropane	9.35	76	209403	18.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	468256	86.049	ug/l	99
59) 2-Hexanone	9.48	43	657585	90.588	ug/l	100
60) Dibromochloromethane	9.57	129	153540	17.620	ug/l	99
61) 1,2-Dibromoethane	9.65	107	134889	18.480	ug/l	100
64) Tetrachloroethene	9.32	164	143472	19.836	ug/l	98
65) Chlorobenzene	10.12	112	303218	17.383	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	130149	18.487	ug/l	98
67) Ethyl Benzene	10.23	91	523869	17.991	ug/l	97
68) m/p-Xylenes	10.34	106	396345	35.136	ug/l	98
69) o-Xylene	10.68	106	182327	16.806	ug/l	99
70) Styrene	10.70	104	314771	17.053	ug/l	99
71) Bromoform	10.84	173	102836	16.860	ug/l	97
73) Isopropylbenzene	11.00	105	507508	18.023	ug/l	100
74) N-amyl acetate	10.88	43	228978	18.302	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	146570	16.676	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	150702m	17.848	ug/l	
77) Bromobenzene	11.24	156	144448	18.324	ug/l	99
78) n-propylbenzene	11.34	91	568615	17.904	ug/l	98
79) 2-Chlorotoluene	11.40	91	356715	18.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	466278	19.394	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	56151	16.757	ug/l	94
82) 4-Chlorotoluene	11.49	91	447708	19.292	ug/l	100
83) tert-Butylbenzene	11.76	119	426890	18.556	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	443860	18.561	ug/l	98
85) sec-Butylbenzene	11.93	105	486675	18.160	ug/l	99
86) p-Isopropyltoluene	12.05	119	454082	17.792	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	238811	17.641	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	248696	17.736	ug/l	99
89) n-Butylbenzene	12.37	91	369589	16.252	ug/l	98
90) Hexachloroethane	12.58	117	82766	16.450	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	234717	17.641	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38441	17.245	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	162145	17.856	ug/l	99
94) Hexachlorobutadiene	13.77	225	62058	14.847	ug/l	98
95) Naphthalene	13.82	128	504956	18.628	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	169921	18.952	ug/l	100

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

