

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017647.D
 Acq On : 28 Jul 2020 12:52
 Operator : JC/SP
 Sample : VX0728WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 10:49:38 AM

Quant Time: Jul 29 03:12:33 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	593543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	877577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	844907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	460354	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	373057	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
35) Dibromofluoromethane	5.46	113	282999	48.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.70	98	1013808	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.12	95	402478	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	104259	18.287	ug/l	99
3) Chloromethane	1.31	50	116196	16.088	ug/l	99
4) Vinyl Chloride	1.39	62	115172	15.420	ug/l	98
5) Bromomethane	1.63	94	82087	18.531	ug/l	95
6) Chloroethane	1.71	64	69614	16.389	ug/l	99
7) Trichlorofluoromethane	1.92	101	191611	16.310	ug/l	99
8) Diethyl Ether	2.17	74	64326	15.962	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	103822	16.104	ug/l	98
10) Methyl Iodide	2.49	142	123467	14.970	ug/l	96
11) Tert butyl alcohol	3.01	59	124118	77.241	ug/l	100
12) 1,1-Dichloroethene	2.36	96	96415	15.727	ug/l	99
13) Acrolein	2.27	56	122381	102.246	ug/l	100
14) Allyl chloride	2.71	41	186708	16.679	ug/l	99
15) Acrylonitrile	3.11	53	290815	83.792	ug/l	99
16) Acetone	2.42	43	256042	76.300	ug/l	97
17) Carbon Disulfide	2.55	76	289849	15.555	ug/l	99
18) Methyl Acetate	2.75	43	132620	16.780	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	363798	17.145	ug/l	99
20) Methylene Chloride	2.83	84	116684	17.631	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	113385	17.264	ug/l	96
22) Diisopropyl ether	3.82	45	363754	17.771	ug/l	92
23) Vinyl Acetate	3.78	43	1608084	88.113	ug/l	99
24) 1,1-Dichloroethane	3.67	63	205817	17.455	ug/l	98
25) 2-Butanone	4.63	43	410037	86.013	ug/l	98
26) 2,2-Dichloropropane	4.55	77	188867	17.894	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	125140	17.543	ug/l	100
28) Bromochloromethane	4.98	49	102048	19.099	ug/l	98
29) Tetrahydrofuran	5.09	42	259344	87.827	ug/l	100
30) Chloroform	5.17	83	214828	17.831	ug/l	96
31) Cyclohexane	5.54	56	170521	18.135	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	201280	17.717	ug/l	98
36) 1,1-Dichloropropene	5.77	75	155731	18.503	ug/l	99
37) Ethyl Acetate	4.79	43	161237	17.508	ug/l	99
38) Carbon Tetrachloride	5.75	117	182153	17.821	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	175079	17.819	ug/l	97
40) Benzene	6.11	78	443215	18.367	ug/l	99
41) Methacrylonitrile	5.00	41	88430	16.752	ug/l	96
42) 1,2-Dichloroethane	6.16	62	181373	18.373	ug/l	98
43) Isopropyl Acetate	6.41	43	266969	17.570	ug/l	99
44) Trichloroethene	7.19	130	136843	19.405	ug/l	93
45) 1,2-Dichloropropane	7.49	63	120417	18.001	ug/l	100
46) Dibromomethane	7.63	93	84141	17.798	ug/l	99
47) Bromodichloromethane	7.87	83	176536	18.559	ug/l	96
48) Methyl methacrylate	7.74	41	132189	17.551	ug/l	99
49) 1,4-Dioxane	7.71	88	50163	347.380	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	820816	90.537	ug/l	100
52) Toluene	8.76	92	284256	18.368	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	194023	18.221	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	202479	18.643	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	122775	19.045	ug/l	97
56) Ethyl methacrylate	9.16	69	178342	18.362	ug/l	100
57) 1,3-Dichloropropane	9.35	76	199931	18.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	451808	88.297	ug/l	100
59) 2-Hexanone	9.47	43	616669	90.345	ug/l	99
60) Dibromochloromethane	9.56	129	147295	17.976	ug/l	100
61) 1,2-Dibromoethane	9.65	107	132274	19.272	ug/l	98
64) Tetrachloroethene	9.32	164	138286	18.236	ug/l	96
65) Chlorobenzene	10.12	112	322373	17.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	131782	17.854	ug/l	99
67) Ethyl Benzene	10.23	91	553650	18.136	ug/l	96
68) m/p-Xylenes	10.34	106	417233	35.280	ug/l	95
69) o-Xylene	10.68	106	208798	18.357	ug/l	94
70) Styrene	10.70	104	343095	17.729	ug/l	99
71) Bromoform	10.84	173	114311	17.876	ug/l #	98
73) Isopropylbenzene	11.00	105	558260	17.677	ug/l	100
74) N-amyl acetate	10.88	43	235158	16.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	167921	17.035	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	167498m	17.688	ug/l	
77) Bromobenzene	11.24	156	150107	16.978	ug/l	98
78) n-propylbenzene	11.34	91	635378	17.838	ug/l	100
79) 2-Chlorotoluene	11.40	91	384257	17.415	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	476461	17.670	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	61541	16.375	ug/l	94
82) 4-Chlorotoluene	11.49	91	461194	17.720	ug/l	99
83) tert-Butylbenzene	11.76	119	452695	17.546	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	488397	18.211	ug/l	100
85) sec-Butylbenzene	11.93	105	536877	17.862	ug/l	99
86) p-Isopropyltoluene	12.05	119	519919	18.165	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	272361	17.939	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	276175	17.561	ug/l	98
89) n-Butylbenzene	12.37	91	445893	17.483	ug/l	98
90) Hexachloroethane	12.58	117	95156	16.863	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	260597	17.464	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	39513	16.020	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	178209	17.499	ug/l	99
94) Hexachlorobutadiene	13.76	225	79439	16.946	ug/l	99
95) Naphthalene	13.82	128	535831	17.625	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	175888	17.492	ug/l	99

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

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