

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 Data File : VX017686.D
 Acq On : 30 Jul 2020 17:05
 Operator : JC/SP
 Sample : L3514-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:58:04 AM

Quant Time: Jul 31 06:37:38 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	5.64	168	533382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	804326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	763247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	392059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	352548	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	5.47	113	278020	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	8.70	98	985421	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	389024	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	241326	48.742	ug/l	99
3) Chloromethane	1.31	50	286315	43.475	ug/l	98
4) Vinyl Chloride	1.39	62	285218	42.494	ug/l	97
5) Bromomethane	1.62	94	175528	48.568	ug/l	100
6) Chloroethane	1.71	64	178808	48.285	ug/l	97
7) Trichlorofluoromethane	1.92	101	477139	45.196	ug/l	99
8) Diethyl Ether	2.17	74	163845	47.811	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252911	43.655	ug/l	97
10) Methyl Iodide	2.50	142	316385	42.687	ug/l	96
11) Tert butyl alcohol	3.02	59	320034	221.627	ug/l	99
12) 1,1-Dichloroethene	2.36	96	245588	44.577	ug/l	98
13) Acrolein	2.27	56	279757	253.688	ug/l	99
14) Allyl chloride	2.71	41	466450	46.368	ug/l	98
15) Acrylonitrile	3.12	53	707768	226.928	ug/l	99
16) Acetone	2.42	43	685443	227.299	ug/l	99
17) Carbon Disulfide	2.55	76	670241	40.025	ug/l	98
18) Methyl Acetate	2.75	43	332662	46.840	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	853440	44.756	ug/l	99
20) Methylene Chloride	2.84	84	277364	48.805	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	265540	44.992	ug/l	100
22) Diisopropyl ether	3.83	45	846093	45.999	ug/l	99
23) Vinyl Acetate	3.79	43	3689471	224.961	ug/l	100
24) 1,1-Dichloroethane	3.67	63	474581	44.789	ug/l	99
25) 2-Butanone	4.64	43	1027858	239.931	ug/l	98
26) 2,2-Dichloropropane	4.55	77	417298	43.996	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	300937	46.945	ug/l	99
28) Bromochloromethane	4.98	49	217083	45.210	ug/l	97
29) Tetrahydrofuran	5.09	42	634367	239.059	ug/l	99
30) Chloroform	5.18	83	595370	54.991	ug/l	99
31) Cyclohexane	5.56	56	388202	45.943	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	486182	47.621	ug/l	98
36) 1,1-Dichloropropene	5.78	75	369160	47.855	ug/l	99
37) Ethyl Acetate	4.80	43	383352	45.418	ug/l	100
38) Carbon Tetrachloride	5.76	117	447392	47.758	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	401962	44.636	ug/l	98
40) Benzene	6.12	78	1050667	47.506	ug/l	97
41) Methacrylonitrile	5.01	41	218402	45.143	ug/l	98
42) 1,2-Dichloroethane	6.17	62	431832	47.727	ug/l	99
43) Isopropyl Acetate	6.42	43	630700	45.288	ug/l	99
44) Trichloroethene	7.19	130	316989	49.044	ug/l	98
45) 1,2-Dichloropropane	7.49	63	276844	45.155	ug/l	98
46) Dibromomethane	7.64	93	198414	45.793	ug/l	99
47) Bromodichloromethane	7.88	83	426431	48.913	ug/l	97
48) Methyl methacrylate	7.75	41	327278	47.410	ug/l	98
49) 1,4-Dioxane	7.71	88	131352	992.456	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2065125	248.531	ug/l	99
52) Toluene	8.77	92	686708	48.416	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	467394	47.892	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	473665	47.583	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	287050	48.582	ug/l	97
56) Ethyl methacrylate	9.16	69	440314	49.464	ug/l	99
57) 1,3-Dichloropropane	9.35	76	476659	48.993	ug/l	100
59) 2-Hexanone	9.48	43	1543366	246.702	ug/l	100
60) Dibromochloromethane	9.57	129	366127	48.753	ug/l	100
61) 1,2-Dibromoethane	9.65	107	315843	50.209	ug/l	100
64) Tetrachloroethene	9.32	164	315307	46.028	ug/l	99
65) Chlorobenzene	10.12	112	796729	48.226	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	316354	47.447	ug/l	99
67) Ethyl Benzene	10.24	91	1325377	48.060	ug/l	99
68) m/p-Xylenes	10.34	106	1014696	94.979	ug/l	97
69) o-Xylene	10.68	106	489566	47.646	ug/l	100
70) Styrene	10.70	104	848851	48.555	ug/l	99
71) Bromoform	10.84	173	268628	46.503	ug/l #	96
73) Isopropylbenzene	11.00	105	1349416	50.172	ug/l	100
74) N-amyl acetate	10.88	43	557015	46.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	389505	46.396	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	379258m	47.026	ug/l	
77) Bromobenzene	11.24	156	360640	47.896	ug/l	100
78) n-propylbenzene	11.35	91	1565953	51.623	ug/l	99
79) 2-Chlorotoluene	11.40	91	911925	48.530	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1191213	51.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	147096	45.959	ug/l	99
82) 4-Chlorotoluene	11.49	91	1125792	50.789	ug/l	100
83) tert-Butylbenzene	11.76	119	1109144	50.477	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1155354	50.584	ug/l	100
85) sec-Butylbenzene	11.93	105	1297141	50.675	ug/l	100
86) p-Isopropyltoluene	12.05	119	1216327	49.898	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	624973	48.335	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	626408	46.771	ug/l	99
89) n-Butylbenzene	12.37	91	1018507	46.891	ug/l	98
90) Hexachloroethane	12.58	117	227218	47.280	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	593237	46.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106060	44.947	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	428881	49.449	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	176530	44.217	ug/l	96
95) Naphthalene	13.82	128	1308446	50.537	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	427713	49.945	ug/l	98

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

