

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016657.D
 Acq On : 09 Jun 2020 12:38
 Operator : JC/SP
 Sample : L2894-17MSD 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 L2891-15MSD

Quant Time: Jun 10 04:38:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	233704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	351229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	327565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	130114	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
35) Dibromofluoromethane	5.46	113	106266	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.70	98	405235	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.12	95	157712	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	96697	42.044	ug/l	97
3) Chloromethane	1.31	50	106825	38.436	ug/l	99
4) Vinyl Chloride	1.39	62	874909	297.666	ug/l	99
5) Bromomethane	1.62	94	67816	47.453	ug/l	98
6) Chloroethane	1.70	64	79820	46.555	ug/l	98
7) Trichlorofluoromethane	1.91	101	192926	49.980	ug/l	97
8) Diethyl Ether	2.17	74	74648	46.378	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	105950	49.872	ug/l	97
10) Methyl Iodide	2.49	142	124349	49.054	ug/l	100
11) Tert butyl alcohol	3.01	59	165871	222.873	ug/l	98
12) 1,1-Dichloroethene	2.36	96	112451	50.006	ug/l	94
13) Acrolein	2.27	56	70388	222.331	ug/l	98
14) Allyl chloride	2.70	41	174330	42.154	ug/l	96
15) Acrylonitrile	3.12	53	339165	222.472	ug/l	99
16) Acetone	2.42	43	280448	220.553	ug/l	99
17) Carbon Disulfide	2.55	76	276518	41.408	ug/l	100
18) Methyl Acetate	2.75	43	150988	46.297	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	387820	48.028	ug/l	98
20) Methylene Chloride	2.83	84	119459	45.408	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	119563	48.068	ug/l	94
22) Diisopropyl ether	3.82	45	340614	42.874	ug/l	95
23) Vinyl Acetate	3.78	43	1525021	219.305	ug/l	96
24) 1,1-Dichloroethane	3.67	63	206911	46.144	ug/l	100
25) 2-Butanone	4.64	43	458614	212.852	ug/l	94
26) 2,2-Dichloropropane	4.55	77	197663	53.871	ug/l #	7
27) cis-1,2-Dichloroethene	4.56	96	2452334	852.231	ug/l	88
28) Bromochloromethane	4.98	49	84328	40.470	ug/l	83
29) Tetrahydrofuran	5.09	42	294592	211.634	ug/l	93
30) Chloroform	5.18	83	216387	47.893	ug/l	96
31) Cyclohexane	5.55	56	164794	40.851	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	202678	49.549	ug/l	98
36) 1,1-Dichloropropene	5.76	75	156322	47.007	ug/l	97
37) Ethyl Acetate	4.79	43	172870	43.299	ug/l #	80
38) Carbon Tetrachloride	5.75	117	180841	51.747	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	173841	48.128	ug/l	96
40) Benzene	6.11	78	477687	48.236	ug/l	99
41) Methacrylonitrile	5.00	41	95225	43.422	ug/l	96
42) 1,2-Dichloroethane	6.16	62	172776	49.059	ug/l	100
43) Isopropyl Acetate	6.41	43	277914	44.626	ug/l	97
44) Trichloroethene	7.19	130	150352	47.852	ug/l	99
45) 1,2-Dichloropropane	7.49	63	118891	47.158	ug/l	99
46) Dibromomethane	7.64	93	83349	49.221	ug/l	96
47) Bromodichloromethane	7.88	83	176011	50.200	ug/l	100
48) Methyl methacrylate	7.74	41	134979	45.268	ug/l	96
49) 1,4-Dioxane	7.71	88	66021	946.115	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	880536	227.078	ug/l	97
52) Toluene	8.76	92	309246	49.520	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	204823	51.374	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	211601	50.142	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	125768	50.653	ug/l	97
56) Ethyl methacrylate	9.16	69	196231	48.526	ug/l	96
57) 1,3-Dichloropropane	9.35	76	208470	48.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	392693	186.049	ug/l	96
59) 2-Hexanone	9.48	43	684535	227.005	ug/l	97
60) Dibromochloromethane	9.57	129	150248	53.771	ug/l	99
61) 1,2-Dibromoethane	9.65	107	133656	50.268	ug/l	98
64) Tetrachloroethene	9.32	164	174137	47.517	ug/l	98
65) Chlorobenzene	10.12	112	388870	58.230	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	137214	53.826	ug/l	97
67) Ethyl Benzene	10.24	91	587760	49.433	ug/l	99
68) m/p-Xylenes	10.34	106	445652	101.090	ug/l	99
69) o-Xylene	10.68	106	216571	50.727	ug/l	99
70) Styrene	10.70	104	382408	52.110	ug/l	99
71) Bromoform	10.84	173	119383	55.412	ug/l #	99
73) Isopropylbenzene	11.00	105	583494	49.146	ug/l	100
74) N-amyl acetate	10.88	43	236053	43.224	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	156686	52.658	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	179433m	47.640	ug/l	
77) Bromobenzene	11.24	156	152655	49.022	ug/l	96
78) n-propylbenzene	11.34	91	644642	48.599	ug/l	99
79) 2-Chlorotoluene	11.40	91	394624	48.739	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	496196	50.052	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	73079	47.728	ug/l	99
82) 4-Chlorotoluene	11.49	91	467994	48.947	ug/l	99
83) tert-Butylbenzene	11.76	119	442814	52.276	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	507031	50.573	ug/l	100
85) sec-Butylbenzene	11.93	105	547087	51.485	ug/l	100
86) p-Isopropyltoluene	12.05	119	521120	52.353	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	268712	49.808	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	278235	50.426	ug/l	99
89) n-Butylbenzene	12.37	91	433322	52.264	ug/l	99
90) Hexachloroethane	12.58	117	90258	52.496	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	277554	53.101	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47480	49.263	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	187185	53.923	ug/l	100
94) Hexachlorobutadiene	13.77	225	82846	60.785	ug/l	99
95) Naphthalene	13.82	128	615040	51.683	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	183759	54.033	ug/l	99

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

