

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016673.D
 Acq On : 10 Jun 2020 14:38
 Operator : JC/SP
 Sample : L2962-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:13 PM

Quant Time: Jun 11 04:00:17 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	5.64	168	222086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	336444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	315380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167139	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	130605	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	5.47	113	108262	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	8.70	98	398824	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.12	95	154473	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	92788	42.455	ug/l	98
3) Chloromethane	1.31	50	104572	39.593	ug/l	100
4) Vinyl Chloride	1.39	62	118059	42.268	ug/l	99
5) Bromomethane	1.62	94	66793	49.182	ug/l	96
6) Chloroethane	1.70	64	75387	46.269	ug/l	96
7) Trichlorofluoromethane	1.91	101	188329	51.341	ug/l	99
8) Diethyl Ether	2.17	74	72120	47.151	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101953	50.501	ug/l	97
10) Methyl Iodide	2.49	142	119532	49.585	ug/l	99
11) Tert butyl alcohol	3.02	59	160489	226.922	ug/l	100
12) 1,1-Dichloroethene	2.36	96	103587	48.474	ug/l	96
13) Acrolein	2.27	56	66394	220.687	ug/l	97
14) Allyl chloride	2.70	41	165657	42.152	ug/l	96
15) Acrylonitrile	3.12	53	325282	224.527	ug/l	100
16) Acetone	2.42	43	284896	235.772	ug/l	99
17) Carbon Disulfide	2.55	76	260447	41.041	ug/l	100
18) Methyl Acetate	2.75	43	145415	46.920	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	371178	48.371	ug/l	97
20) Methylene Chloride	2.83	84	115454	46.181	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	109952	46.517	ug/l	95
22) Diisopropyl ether	3.82	45	327241	43.346	ug/l	97
23) Vinyl Acetate	3.78	43	1439928	217.901	ug/l	95
24) 1,1-Dichloroethane	3.67	63	196293	46.066	ug/l	99
25) 2-Butanone	4.64	43	443876	216.789	ug/l	93
26) 2,2-Dichloropropane	4.55	77	177360	50.866	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	127435	46.603	ug/l	97
28) Bromochloromethane	4.98	49	78844	39.817	ug/l #	81
29) Tetrahydrofuran	5.09	42	281602	212.886	ug/l	92
30) Chloroform	5.18	83	209944	48.898	ug/l	98
31) Cyclohexane	5.55	56	154829	40.389	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	195995	50.422	ug/l	98
36) 1,1-Dichloropropene	5.77	75	149008	46.777	ug/l	97
37) Ethyl Acetate	4.79	43	162997	42.620	ug/l	97
38) Carbon Tetrachloride	5.75	117	174843	52.229	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	161758	46.751	ug/l	97
40) Benzene	6.11	78	459061	48.392	ug/l	100
41) Methacrylonitrile	5.00	41	90550	43.104	ug/l	94
42) 1,2-Dichloroethane	6.17	62	166399	49.325	ug/l	99
43) Isopropyl Acetate	6.42	43	262784	44.051	ug/l	97
44) Trichloroethene	7.19	130	143333	47.623	ug/l	98
45) 1,2-Dichloropropane	7.49	63	115037	47.635	ug/l	97
46) Dibromomethane	7.64	93	81498	50.243	ug/l	95
47) Bromodichloromethane	7.88	83	172958	51.497	ug/l	99
48) Methyl methacrylate	7.74	41	129668	45.398	ug/l	95
49) 1,4-Dioxane	7.72	88	63465	949.454	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	855061	230.198	ug/l	97
52) Toluene	8.76	92	298775	49.946	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	195382	51.159	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	198468	49.097	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	123926	52.104	ug/l	96
56) Ethyl methacrylate	9.16	69	191438	49.422	ug/l	96
57) 1,3-Dichloropropane	9.35	76	202137	49.514	ug/l	100
59) 2-Hexanone	9.48	43	669009	231.606	ug/l	96
60) Dibromochloromethane	9.57	129	145169	54.237	ug/l	99
61) 1,2-Dibromoethane	9.65	107	132450	52.003	ug/l	99
64) Tetrachloroethene	9.32	164	165608	46.935	ug/l	98
65) Chlorobenzene	10.12	112	906873	141.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	131347	53.515	ug/l	99
67) Ethyl Benzene	10.24	91	567375	49.563	ug/l	99
68) m/p-Xylenes	10.34	106	434856	102.453	ug/l	98
69) o-Xylene	10.68	106	208129	50.633	ug/l	98
70) Styrene	10.70	104	368810	52.199	ug/l	99
71) Bromoform	10.84	173	115305	55.587	ug/l	98
73) Isopropylbenzene	11.01	105	560404	48.391	ug/l	100
74) N-amyl acetate	10.88	43	225948	42.417	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	155300	53.508	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	172695m	47.007	ug/l	
77) Bromobenzene	11.24	156	150591	49.579	ug/l	94
78) n-propylbenzene	11.34	91	621976	48.073	ug/l	100
79) 2-Chlorotoluene	11.40	91	382076	48.380	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	476532	49.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69055	46.237	ug/l	99
82) 4-Chlorotoluene	11.49	91	451058	48.366	ug/l	99
83) tert-Butylbenzene	11.76	119	421238	50.983	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	480009	49.085	ug/l	100
85) sec-Butylbenzene	11.93	105	513254	49.519	ug/l	100
86) p-Isopropyltoluene	12.05	119	490975	50.568	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	427850	81.305	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	719723	133.729	ug/l	99
89) n-Butylbenzene	12.37	91	400569	49.532	ug/l	98
90) Hexachloroethane	12.58	117	83804	49.971	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	2545604	499.304	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45981	48.911	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	195567	57.758	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	77097	57.993	ug/l	98
95) Naphthalene	13.82	128	597543	51.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	187012	56.376	ug/l	98

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

