

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014607.D
 Acq On : 10 Jan 2020 18:36
 Operator : SY/VA
 Sample : L1051-10MS
 Misc : 6.29G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3H-(8.5-10.5)MS

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:01:43 PM

Quant Time: Jan 13 03:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	788126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1191767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1052102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	510696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	392693	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
35) Dibromofluoromethane	7.88	113	10450	1.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.06%	
50) Toluene-d8	10.32	98	1603938	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
62) 4-Bromofluorobenzene	12.62	95	545184	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	224162	50.374	ug/l	98
3) Chloromethane	2.21	50	261044	47.926	ug/l	97
4) Vinyl Chloride	2.36	62	434267	54.206	ug/l	98
5) Bromomethane	2.77	94	274936	55.554	ug/l	96
6) Chloroethane	2.92	64	258225	56.544	ug/l	99
7) Trichlorofluoromethane	3.25	101	199761	49.836	ug/l	96
8) Diethyl Ether	3.67	74	239668	60.094	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	416062	55.553	ug/l	99
10) Methyl Iodide	4.27	142	641638	56.781	ug/l	100
11) Tert butyl alcohol	5.16	59	140283	265.457	ug/l	99
12) 1,1-Dichloroethene	4.04	96	483784	61.683	ug/l	98
13) Acrolein	3.89	56	19119	31.790	ug/l	93
14) Allyl chloride	4.66	41	677568	56.533	ug/l	99
15) Acrylonitrile	5.36	53	523248	287.029	ug/l	99
16) Acetone	4.11	43	597130	306.896	ug/l	98
17) Carbon Disulfide	4.39	76	1221685	51.681	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	633332	65.052	ug/l	99
20) Methylene Chloride	4.92	84	480500	62.154	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	474500	56.977	ug/l	98
22) Diisopropyl ether	6.31	45	1332121	59.381	ug/l	95
24) 1,1-Dichloroethane	6.21	63	830273	58.673	ug/l	98
25) 2-Butanone	7.17	43	739020	295.966	ug/l	100
26) 2,2-Dichloropropane	7.16	77	412954	52.709	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	519283	59.342	ug/l	99
28) Bromochloromethane	7.51	49	331259	59.710	ug/l	99
29) Tetrahydrofuran	7.52	42	434910	281.151	ug/l	99
30) Chloroform	7.67	83	792971	59.924	ug/l	98
31) Cyclohexane	7.95	56	755483	51.372	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	611592	57.466	ug/l	99
36) 1,1-Dichloropropene	8.08	75	643278	55.990	ug/l	99
38) Carbon Tetrachloride	8.06	117	553292	55.509	ug/l	100
39) Methylcyclohexane	9.33	83	774341	52.519	ug/l	97
40) Benzene	8.32	78	1892230	58.210	ug/l	99
41) Methacrylonitrile	7.48	41	164432	56.610	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.40	62	490978	58.201	ug/l	100
43) Isopropyl Acetate	8.42	43	182280	19.264	ug/l #	74
44) Trichloroethene	9.09	130	922089	104.829	ug/l	94
45) 1,2-Dichloropropane	9.37	63	474093	59.433	ug/l	98
46) Dibromomethane	9.46	93	231753	58.851	ug/l	100
47) Bromodichloromethane	9.64	83	569314	58.558	ug/l	99
48) Methyl methacrylate	9.43	41	13776	2.982	ug/l	94
49) 1,4-Dioxane	9.45	88	71878	975.897	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	1445649	294.209	ug/l	99
52) Toluene	10.38	92	1194878	58.428	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	593318	58.941	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	716485	58.238	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	301105	52.354	ug/l	96
56) Ethyl methacrylate	10.64	69	112826	15.095	ug/l #	84
57) 1,3-Dichloropropane	10.93	76	601187	59.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	702194	308.901	ug/l	100
59) 2-Hexanone	10.96	43	1049828	310.054	ug/l	100
60) Dibromochloromethane	11.13	129	380832	58.687	ug/l	100
61) 1,2-Dibromoethane	11.23	107	319035	58.439	ug/l	99
64) Tetrachloroethene	10.86	164	735671	96.585	ug/l	99
65) Chlorobenzene	11.65	112	1221057	56.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	414991	57.183	ug/l	99
67) Ethyl Benzene	11.73	91	2178673	56.088	ug/l	98
68) m/p-Xylenes	11.84	106	1667686	112.177	ug/l	100
69) o-Xylene	12.16	106	781881	56.937	ug/l	100
70) Styrene	12.18	104	1373036	59.113	ug/l	99
71) Bromoform	12.35	173	225161	56.880	ug/l #	99
73) Isopropylbenzene	12.46	105	2095991	55.934	ug/l	100
74) N-amyl acetate	12.27	43	22132	2.634	ug/l #	92
76) 1,2,3-Trichloropropane	12.76	75	280170m	58.024	ug/l	
77) Bromobenzene	12.74	156	508740	58.454	ug/l	98
78) n-propylbenzene	12.80	91	2447438	55.543	ug/l	100
79) 2-Chlorotoluene	12.89	91	1415506	56.450	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1723512	54.779	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	118423	54.644	ug/l	98
82) 4-Chlorotoluene	12.99	91	1452269	55.745	ug/l	100
83) tert-Butylbenzene	13.20	119	1485331	53.920	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1742663	55.658	ug/l	100
85) sec-Butylbenzene	13.38	105	2072049	54.342	ug/l	100
86) p-Isopropyltoluene	13.49	119	1894381	54.507	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	939518	55.514	ug/l	99
88) 1,4-Dichlorobenzene	13.57	146	937010	56.081	ug/l	99
89) n-Butylbenzene	13.82	91	1718937	53.260	ug/l	99
90) Hexachloroethane	14.09	117	323711	53.317	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	856939	57.609	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	52318	48.846	ug/l	99
93) 1,2,4-Trichlorobenzene	15.13	180	587665	58.503	ug/l	99
94) Hexachlorobutadiene	15.23	225	315380	46.850	ug/l	99
95) Naphthalene	15.36	128	1107302	64.636	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	511411	58.408	ug/l	98

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

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