

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013941.D
 Acq On : 08 Nov 2019 13:45
 Operator : SY/VA
 Sample : K5742-02
 Misc : 9.34G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11-(12-14)

Quant Time: Nov 09 03:17:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	10713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	13689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	9488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	3686	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
35) Dibromofluoromethane	7.88	113	3609	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
50) Toluene-d8	10.32	98	16435	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.63	95	9807	93.45	ug/l	0.01
Spiked Amount			Recovery	=	186.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	473	7.798	ug/l #	80
5) Bromomethane	2.79	94	290	4.814	ug/l	84
6) Chloroethane	2.92	64	80	1.443	ug/l #	43
15) Acrylonitrile	5.37	53	19	1.011	ug/l #	17
16) Acetone	4.13	43	471	27.641	ug/l #	45
17) Carbon Disulfide	4.40	76	4294	15.562	ug/l #	80
18) Methyl Acetate	4.70	43	2763	59.152	ug/l #	69
20) Methylene Chloride	4.93	84	550	1.235	ug/l #	34
25) 2-Butanone	7.17	43	106	4.327	ug/l #	45
29) Tetrahydrofuran	7.51	42	170	11.209	ug/l #	45
31) Cyclohexane	7.96	56	853	4.776	ug/l	91
32) 1,1,1-Trichloroethane	7.85	97	184	1.390	ug/l #	24
39) Methylcyclohexane	9.34	83	1994	12.112	ug/l #	62
40) Benzene	8.35	78	379	1.050	ug/l #	76
41) Methacrylonitrile	7.47	41	177	5.816	ug/l #	64
43) Isopropyl Acetate	8.41	43	481	5.149	ug/l #	49
44) Trichloroethene	9.09	130	124	1.200	ug/l	3
45) 1,2-Dichloropropane	9.35	63	116	1.346	ug/l #	43
46) Dibromomethane	9.48	93	267	6.384	ug/l #	59
47) Bromodichloromethane	9.61	83	807	7.457	ug/l #	27
48) Methyl methacrylate	9.43	41	588	12.693	ug/l #	29
51) 4-Methyl-2-Pentanone	10.31	43	384	8.273	ug/l	88
52) Toluene	10.40	92	282	1.212	ug/l	83
55) 1,1,2-Trichloroethane	10.77	97	998	16.010	ug/l #	46
56) Ethyl methacrylate	10.65	69	460	5.898	ug/l #	66
57) 1,3-Dichloropropane	10.87	76	247	2.309	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.91	63	95	2.647	ug/l #	1
59) 2-Hexanone	10.91	43	441	13.781	ug/l	82
60) Dibromochloromethane	11.04	129	1315	17.767	ug/l	95
61) 1,2-Dibromoethane	11.19	107	262	4.443	ug/l	89
64) Tetrachloroethene	10.87	164	390	5.380	ug/l #	51
65) Chlorobenzene	11.73	112	204	1.046	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.73	131	207	3.042	ug/l #	8
68) m/p-Xylenes	11.84	106	820	6.037	ug/l #	72

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69) o-Xylene	12.13	106	339	2.715	ug/l	58
70) Styrene	12.19	104	1607	7.492	ug/l #	43
71) Bromoform	12.32	173	4384	122.772	ug/l #	70
73) Isopropylbenzene	12.73	105	781	4.737	ug/l	100
74) N-amyl acetate	12.28	43	1224	38.375	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.80	83	1509	57.995	ug/l #	1
76) 1,2,3-Trichloropropane	12.75	75	134	8.127	ug/l #	100
77) Bromobenzene	12.87	156	18113	459.856	ug/l #	1
78) n-propylbenzene	12.81	91	2780	14.567	ug/l #	51
79) 2-Chlorotoluene	12.91	91	1484	13.837	ug/l	84
80) 1,3,5-Trimethylbenzene	13.00	105	941	6.761	ug/l	80
81) trans-1,4-Dichloro-2-buten	12.52	75	87	9.972	ug/l #	1
82) 4-Chlorotoluene	12.91	91	1484	13.180	ug/l	98
83) tert-Butylbenzene	13.18	119	15508	125.520	ug/l #	36
84) 1,2,4-Trimethylbenzene	13.19	105	1031	7.509	ug/l	89
85) sec-Butylbenzene	13.39	105	1438	8.511	ug/l #	1
86) p-Isopropyltoluene	13.49	119	3268	20.765	ug/l #	51
87) 1,3-Dichlorobenzene	13.48	146	683	8.950	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	457	6.028	ug/l #	1
89) n-Butylbenzene	13.96	91	868	6.110	ug/l	91
90) Hexachloroethane	14.10	117	327	11.954	ug/l	72
91) 1,2-Dichlorobenzene	13.86	146	295	4.458	ug/l #	57
92) 1,2-Dibromo-3-Chloropropan	14.49	75	156	39.649	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.13	180	216	4.485	ug/l #	1
94) Hexachlorobutadiene	15.23	225	185	5.691	ug/l #	26
95) Naphthalene	15.39	128	508	6.728	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.55	180	246	5.928	ug/l #	32

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

