

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008777.D
 Acq On : 21 Feb 2019 18:37
 Operator : SY/VA
 Sample : K1538-07
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-D

Quant Time: Feb 22 01:17:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	361910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	556317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	482057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	235443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	189838	55.93	ug/l	0.00
Spiked Amount			Recovery	=	111.86%	
35) Dibromofluoromethane	7.88	113	173039	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
50) Toluene-d8	10.32	98	655202	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	223594	44.29	ug/l	0.00
Spiked Amount			Recovery	=	88.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	226	0.062	ug/l #	42
3) Chloromethane	2.22	50	632	0.143	ug/l	90
4) Vinyl Chloride	2.36	62	76	0.016	ug/l #	44
5) Bromomethane	2.76	94	470	0.135	ug/l	94
6) Chloroethane	2.90	64	144	0.043	ug/l #	17
7) Trichlorofluoromethane	3.25	101	225	0.038	ug/l #	31
9) 1,1,2-Trichlorotrifluoroet	3.81	101	20	0.006	ug/l #	16
10) Methyl Iodide	4.28	142	773	0.172	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	30	0.009	ug/l #	1
14) Allyl chloride	4.67	41	231	0.042	ug/l #	63
15) Acrylonitrile	5.37	53	247	0.308	ug/l #	54
16) Acetone	4.13	43	44825	56.972	ug/l	94
17) Carbon Disulfide	4.37	76	790	0.075	ug/l #	73
19) Methyl tert-butyl Ether	5.43	73	325	0.038	ug/l #	1
21) trans-1,2-Dichloroethene	5.43	96	100	0.027	ug/l #	1
22) Diisopropyl ether	6.31	45	143	0.013	ug/l #	52
23) Vinyl Acetate	6.26	43	299	0.044	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	26	0.004	ug/l #	82
26) 2,2-Dichloropropane	7.15	77	514	0.090	ug/l #	74
27) cis-1,2-Dichloroethene	7.18	96	41	0.010	ug/l #	1
28) Bromochloromethane	7.49	49	52	0.020	ug/l #	11
29) Tetrahydrofuran	7.52	42	628	0.896	ug/l #	9
30) Chloroform	7.45	83	37	0.006	ug/l	94
32) 1,1,1-Trichloroethane	7.92	97	27	0.005	ug/l #	24
39) Methylcyclohexane	9.34	83	3890	0.576	ug/l #	87
40) Benzene	8.32	78	42773	2.893	ug/l	96
41) Methacrylonitrile	7.49	41	187	0.126	ug/l #	1
42) 1,2-Dichloroethane	8.40	62	735	0.157	ug/l #	75
43) Isopropyl Acetate	8.42	43	536	0.107	ug/l #	52
44) Trichloroethene	9.09	130	67	0.016	ug/l	3
45) 1,2-Dichloropropane	9.35	63	26	0.007	ug/l #	43
46) Dibromomethane	9.55	93	38	0.019	ug/l #	12
47) Bromodichloromethane	9.64	83	335	0.068	ug/l #	24
48) Methyl methacrylate	9.43	41	233	0.097	ug/l #	13

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

49) 1,4-Dioxane	9.40	88	29	0.891	ug/l #	1
51) 4-Methyl-2-Pentanone	10.19	43	286	0.112	ug/l #	38
52) Toluene	10.39	92	112099	11.171	ug/l	99
53) t-1,3-Dichloropropene	10.68	75	68	0.013	ug/l #	21
54) cis-1,3-Dichloropropene	10.08	75	79	0.014	ug/l #	17
55) 1,1,2-Trichloroethane	10.77	97	1359	0.493	ug/l #	23
56) Ethyl methacrylate	10.67	69	394	0.110	ug/l #	68
57) 1,3-Dichloropropane	10.93	76	83	0.017	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.87	63	191	0.106	ug/l #	45
59) 2-Hexanone	11.21	43	86	0.047	ug/l	67
60) Dibromochloromethane	11.19	129	28	0.008	ug/l #	10
61) 1,2-Dibromoethane	11.43	107	23	0.008	ug/l #	2
65) Chlorobenzene	11.66	112	61	0.006	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.77	131	22	0.006	ug/l #	27
67) Ethyl Benzene	11.73	91	23679	1.307	ug/l	95
68) m/p-Xylenes	11.83	106	17557	2.425	ug/l	100
69) o-Xylene	12.16	106	7423	1.092	ug/l	96
70) Styrene	12.18	104	504	0.046	ug/l #	1
71) Bromoform	12.62	173	1050	0.570	ug/l #	29
73) Isopropylbenzene	12.47	105	1525	0.094	ug/l	96
74) N-amyl acetate	12.26	43	869	0.214	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.69	83	75	0.028	ug/l #	25
77) Bromobenzene	12.75	156	82	0.021	ug/l #	1
78) n-propylbenzene	12.80	91	4141	0.210	ug/l	95
79) 2-Chlorotoluene	12.87	91	2957	0.264	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	3690	0.263	ug/l	97
82) 4-Chlorotoluene	13.00	91	315	0.027	ug/l #	69
83) tert-Butylbenzene	13.21	119	165	0.014	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.26	105	11756	0.810	ug/l	97
85) sec-Butylbenzene	13.39	105	939	0.054	ug/l	82
86) p-Isopropyltoluene	13.44	119	797	0.050	ug/l	96
87) 1,3-Dichlorobenzene	13.49	146	298	0.038	ug/l #	55
88) 1,4-Dichlorobenzene	13.57	146	989	0.127	ug/l #	1
89) n-Butylbenzene	13.83	91	803	0.054	ug/l #	77
90) Hexachloroethane	14.10	117	324	0.124	ug/l #	25
91) 1,2-Dichlorobenzene	13.87	146	340	0.048	ug/l	74
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33	0.069	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.13	180	566	0.111	ug/l	96
94) Hexachlorobutadiene	15.25	225	87	0.029	ug/l #	68
95) Naphthalene	15.37	128	4062	0.470	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	381	0.087	ug/l #	61

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

