

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008776.D
 Acq On : 21 Feb 2019 18:10
 Operator : SY/VA
 Sample : K1538-03
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 22 01:14:56 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	320428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	484225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	203895	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	177489	59.06	ug/l	0.00
Spiked Amount			Recovery	=	118.12%	
35) Dibromofluoromethane	7.88	113	148689	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
50) Toluene-d8	10.32	98	571227	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	199272	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	102	0.032	ug/l #	42
3) Chloromethane	2.21	50	252	0.065	ug/l #	76
4) Vinyl Chloride	2.35	62	45	0.011	ug/l #	1
5) Bromomethane	2.77	94	168	0.055	ug/l #	26
6) Chloroethane	2.89	64	102	0.035	ug/l #	77
7) Trichlorofluoromethane	3.26	101	128	0.024	ug/l #	60
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53	0.017	ug/l #	16
10) Methyl Iodide	4.28	142	382	0.096	ug/l #	75
11) Tert butyl alcohol	5.17	59	193	0.721	ug/l #	1
12) 1,1-Dichloroethene	4.02	96	86	0.031	ug/l #	1
14) Allyl chloride	4.66	41	251	0.052	ug/l #	20
15) Acrylonitrile	5.37	53	203	0.286	ug/l #	71
16) Acetone	4.13	43	32498	46.652	ug/l	96
17) Carbon Disulfide	4.38	76	1253	0.135	ug/l #	34
19) Methyl tert-butyl Ether	5.42	73	316	0.042	ug/l #	1
21) trans-1,2-Dichloroethene	5.42	96	341	0.105	ug/l #	12
22) Diisopropyl ether	6.31	45	104	0.011	ug/l #	35
23) Vinyl Acetate	6.25	43	126	0.021	ug/l #	73
24) 1,1-Dichloroethane	6.17	63	34	0.006	ug/l #	82
26) 2,2-Dichloropropane	7.18	77	23	0.005	ug/l #	54
27) cis-1,2-Dichloroethene	6.92	96	133	0.038	ug/l	11
28) Bromochloromethane	7.50	49	55	0.023	ug/l #	13
30) Chloroform	7.68	83	466	0.081	ug/l #	63
32) 1,1,1-Trichloroethane	7.86	97	53	0.010	ug/l #	24
37) Ethyl Acetate	7.25	43	373	0.170	ug/l #	60
39) Methylcyclohexane	9.34	83	1479	0.252	ug/l #	78
40) Benzene	8.32	78	3938	0.306	ug/l #	90
41) Methacrylonitrile	7.49	41	141	0.109	ug/l #	43
42) 1,2-Dichloroethane	8.39	62	694	0.170	ug/l	84
43) Isopropyl Acetate	8.43	43	248	0.057	ug/l #	62
44) Trichloroethene	9.10	130	48	0.013	ug/l	3
45) 1,2-Dichloropropane	9.41	63	70	0.022	ug/l #	43
46) Dibromomethane	9.52	93	74	0.042	ug/l #	21
47) Bromodichloromethane	9.66	83	40	0.009	ug/l #	24

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

48) Methyl methacrylate	9.43	41	259	0.124	ug/l #	57
49) 1,4-Dioxane	9.44	88	23	0.812	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	319	0.144	ug/l #	34
52) Toluene	10.38	92	5957	0.682	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	59	0.013	ug/l #	88
54) cis-1,3-Dichloropropene	10.10	75	76	0.015	ug/l #	24
55) 1,1,2-Trichloroethane	10.80	97	94	0.039	ug/l #	28
56) Ethyl methacrylate	10.66	69	288	0.092	ug/l #	57
57) 1,3-Dichloropropane	10.93	76	49	0.012	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	42	0.027	ug/l #	45
59) 2-Hexanone	11.13	43	164	0.104	ug/l	100
60) Dibromochloromethane	10.91	129	46	0.016	ug/l #	10
64) Tetrachloroethene	10.86	164	118	0.039	ug/l #	1
65) Chlorobenzene	11.65	112	248	0.028	ug/l #	30
66) 1,1,1,2-Tetrachloroethane	11.80	131	19	0.006	ug/l #	44
67) Ethyl Benzene	11.73	91	3159	0.198	ug/l	93
68) m/p-Xylenes	11.83	106	3387	0.530	ug/l	88
69) o-Xylene	12.17	106	1702	0.284	ug/l	89
70) Styrene	12.18	104	455	0.047	ug/l #	15
71) Bromoform	12.16	173	48	0.030	ug/l #	29
73) Isopropylbenzene	12.47	105	528	0.038	ug/l #	69
74) N-amyl acetate	12.23	43	375	0.107	ug/l #	72
77) Bromobenzene	12.74	156	45	0.014	ug/l #	1
78) n-propylbenzene	12.81	91	1274	0.075	ug/l	98
79) 2-Chlorotoluene	12.91	91	337	0.035	ug/l	76
80) 1,3,5-Trimethylbenzene	12.95	105	1478	0.122	ug/l	86
82) 4-Chlorotoluene	12.99	91	415	0.041	ug/l	72
83) tert-Butylbenzene	13.21	119	93	0.009	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.26	105	4349	0.346	ug/l	99
85) sec-Butylbenzene	13.40	105	411	0.027	ug/l	93
86) p-Isopropyltoluene	13.44	119	471	0.034	ug/l	91
87) 1,3-Dichlorobenzene	13.50	146	527	0.077	ug/l	94
88) 1,4-Dichlorobenzene	13.50	146	527	0.078	ug/l	93
89) n-Butylbenzene	13.82	91	671	0.052	ug/l #	25
90) Hexachloroethane	14.33	117	52	0.023	ug/l	76
91) 1,2-Dichlorobenzene	13.88	146	403	0.066	ug/l #	80
92) 1,2-Dibromo-3-Chloropropan	14.51	75	121	0.293	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.14	180	511	0.116	ug/l #	55
94) Hexachlorobutadiene	15.23	225	19	0.007	ug/l #	1
95) Naphthalene	15.37	128	4139	0.553	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	644	0.169	ug/l	95

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

