

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008779.D
 Acq On : 21 Feb 2019 19:30
 Operator : SY/VA
 Sample : K1546-04
 Misc : 6.89G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3422

Quant Time: Feb 22 01:22:50 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	373109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	561133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	497909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	242723	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	200745	57.37	ug/l	0.00
Spiked Amount			Recovery	=	114.74%	
35) Dibromofluoromethane	7.88	113	177437	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
50) Toluene-d8	10.32	98	667135	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.62	95	230124	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	266	0.071	ug/l #	25
3) Chloromethane	2.21	50	311	0.068	ug/l #	42
4) Vinyl Chloride	2.35	62	150	0.031	ug/l #	84
5) Bromomethane	2.75	94	139	0.039	ug/l #	4
6) Chloroethane	2.90	64	359	0.105	ug/l #	57
7) Trichlorofluoromethane	3.26	101	70	0.011	ug/l #	16
9) 1,1,2-Trichlorotrifluoroet	3.79	101	30	0.008	ug/l #	16
10) Methyl Iodide	4.28	142	553	0.120	ug/l #	71
11) Tert butyl alcohol	5.18	59	184	0.591	ug/l #	1
12) 1,1-Dichloroethene	4.07	96	226	0.069	ug/l #	24
14) Allyl chloride	4.66	41	170	0.030	ug/l #	1
15) Acrylonitrile	5.37	53	64	0.077	ug/l #	12
16) Acetone	4.13	43	28791	35.495	ug/l	96
17) Carbon Disulfide	4.38	76	595	0.055	ug/l #	73
18) Methyl Acetate	4.67	43	619	0.322	ug/l	92
19) Methyl tert-butyl Ether	5.43	73	345	0.039	ug/l #	55
21) trans-1,2-Dichloroethene	5.41	96	97	0.026	ug/l #	1
22) Diisopropyl ether	6.31	45	61	0.005	ug/l #	4
23) Vinyl Acetate	6.24	43	217	0.031	ug/l #	73
24) 1,1-Dichloroethane	6.25	63	24	0.004	ug/l #	82
25) 2-Butanone	7.16	43	289	0.255	ug/l #	51
26) 2,2-Dichloropropane	7.16	77	122	0.021	ug/l #	54
27) cis-1,2-Dichloroethene	7.35	96	211	0.052	ug/l	14
28) Bromochloromethane	7.51	49	59	0.022	ug/l #	13
29) Tetrahydrofuran	7.52	42	326	0.451	ug/l #	50
30) Chloroform	7.68	83	176	0.026	ug/l #	79
32) 1,1,1-Trichloroethane	7.87	97	36	0.006	ug/l #	24
37) Ethyl Acetate	7.25	43	63	0.025	ug/l #	41
39) Methylcyclohexane	9.33	83	137	0.020	ug/l #	61
40) Benzene	8.32	78	651	0.044	ug/l #	51
41) Methacrylonitrile	7.51	41	150	0.100	ug/l #	1
42) 1,2-Dichloroethane	8.40	62	466	0.099	ug/l #	69
43) Isopropyl Acetate	8.40	43	499	0.098	ug/l #	88
44) Trichloroethene	9.09	130	22	0.005	ug/l #	1

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

45) 1,2-Dichloropropane	9.32	63	21	0.006	ug/l #	43
46) Dibromomethane	9.43	93	23	0.011	ug/l #	37
47) Bromodichloromethane	9.68	83	50	0.010	ug/l #	24
48) Methyl methacrylate	9.43	41	179	0.074	ug/l #	65
51) 4-Methyl-2-Pentanone	10.20	43	394	0.153	ug/l #	38
52) Toluene	10.38	92	1903	0.188	ug/l	92
53) t-1,3-Dichloropropene	10.60	75	106	0.021	ug/l	96
54) cis-1,3-Dichloropropene	10.12	75	27	0.005	ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	131	0.047	ug/l #	16
56) Ethyl methacrylate	10.66	69	104	0.029	ug/l #	1
57) 1,3-Dichloropropane	11.03	76	91	0.019	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.94	63	63	0.035	ug/l #	76
59) 2-Hexanone	10.93	43	116	0.063	ug/l	74
61) 1,2-Dibromoethane	11.21	107	59	0.021	ug/l #	46
64) Tetrachloroethene	10.87	164	52	0.015	ug/l #	1
65) Chlorobenzene	11.65	112	94	0.009	ug/l #	17
66) 1,1,1,2-Tetrachloroethane	11.68	131	29	0.008	ug/l #	1
67) Ethyl Benzene	11.73	91	409	0.022	ug/l #	43
68) m/p-Xylenes	11.84	106	274	0.037	ug/l #	60
69) o-Xylene	12.16	106	107	0.015	ug/l	34
70) Styrene	12.18	104	65	0.006	ug/l #	25
71) Bromoform	12.60	173	273	0.143	ug/l #	1
73) Isopropylbenzene	12.46	105	334	0.020	ug/l	75
74) N-amyl acetate	12.29	43	97	0.023	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.71	83	37	0.014	ug/l #	25
77) Bromobenzene	12.87	156	50	0.013	ug/l #	1
78) n-propylbenzene	12.80	91	416	0.020	ug/l #	53
79) 2-Chlorotoluene	12.88	91	176	0.015	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	463	0.032	ug/l	96
82) 4-Chlorotoluene	12.99	91	78	0.006	ug/l #	40
83) tert-Butylbenzene	13.13	119	33	0.003	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.10	105	206	0.014	ug/l	95
85) sec-Butylbenzene	13.46	105	25	0.001	ug/l #	1
86) p-Isopropyltoluene	13.50	119	266	0.016	ug/l	91
87) 1,3-Dichlorobenzene	13.51	146	371	0.045	ug/l #	36
88) 1,4-Dichlorobenzene	13.56	146	357	0.044	ug/l #	1
89) n-Butylbenzene	13.81	91	235	0.015	ug/l #	77
90) Hexachloroethane	14.17	117	44	0.016	ug/l #	9
91) 1,2-Dichlorobenzene	13.87	146	236	0.032	ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	14.51	75	59	0.120	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.15	180	304	0.058	ug/l #	63
95) Naphthalene	15.37	128	1732	0.194	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.56	180	261	0.058	ug/l	92

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

