

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008782.D
 Acq On : 21 Feb 2019 20:51
 Operator : SY/VA
 Sample : K1546-13
 Misc : 3.38G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1495

Quant Time: Feb 22 01:26:07 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	364340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	555924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	486547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229006	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	192790	56.42	ug/l	0.00
Spiked Amount			Recovery	=	112.84%	
35) Dibromofluoromethane	7.88	113	175520	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
50) Toluene-d8	10.32	98	657370	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	220375	43.68	ug/l	0.00
Spiked Amount			Recovery	=	87.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	80	0.022	ug/l #	42
3) Chloromethane	2.22	50	359	0.081	ug/l #	52
4) Vinyl Chloride	2.36	62	59	0.013	ug/l #	26
5) Bromomethane	2.74	94	292	0.084	ug/l #	4
6) Chloroethane	2.92	64	237	0.071	ug/l #	43
7) Trichlorofluoromethane	3.26	101	309	0.052	ug/l #	73
8) Diethyl Ether	3.60	74	126	0.067	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	4.03	101	47	0.013	ug/l #	16
10) Methyl Iodide	4.27	142	278	0.062	ug/l #	40
12) 1,1-Dichloroethene	4.04	96	70	0.022	ug/l #	1
14) Allyl chloride	4.65	41	118	0.021	ug/l #	1
15) Acrylonitrile	5.37	53	184	0.228	ug/l	90
16) Acetone	4.13	43	34388	43.415	ug/l	97
17) Carbon Disulfide	4.38	76	211	0.020	ug/l #	73
18) Methyl Acetate	4.67	43	1123	0.598	ug/l #	87
19) Methyl tert-butyl Ether	5.42	73	167	0.019	ug/l #	1
21) trans-1,2-Dichloroethene	5.43	96	99	0.027	ug/l #	1
22) Diisopropyl ether	6.27	45	82	0.007	ug/l #	49
23) Vinyl Acetate	6.27	43	99	0.015	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	64	0.010	ug/l #	82
27) cis-1,2-Dichloroethene	7.24	96	52	0.013	ug/l	14
28) Bromochloromethane	7.45	49	181	0.068	ug/l #	13
30) Chloroform	7.68	83	161	0.025	ug/l #	57
32) 1,1,1-Trichloroethane	7.82	97	53	0.009	ug/l #	24
37) Ethyl Acetate	7.25	43	254	0.101	ug/l #	33
39) Methylcyclohexane	9.34	83	147	0.022	ug/l #	18
40) Benzene	8.32	78	1405	0.095	ug/l #	76
41) Methacrylonitrile	7.49	41	385	0.260	ug/l #	26
42) 1,2-Dichloroethane	8.40	62	837	0.179	ug/l	83
43) Isopropyl Acetate	8.43	43	529	0.105	ug/l #	52
44) Trichloroethene	8.85	130	20	0.005	ug/l #	1
45) 1,2-Dichloropropane	9.29	63	69	0.019	ug/l #	43
46) Dibromomethane	9.35	93	105	0.052	ug/l #	1
47) Bromodichloromethane	9.65	83	23	0.005	ug/l #	54

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

48) Methyl methacrylate	9.42	41	136	0.057	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	1573	0.617	ug/l #	83
52) Toluene	10.40	92	2305	0.230	ug/l	89
53) t-1,3-Dichloropropene	10.59	75	21	0.004	ug/l #	42
54) cis-1,3-Dichloropropene	10.07	75	27	0.005	ug/l #	64
55) 1,1,2-Trichloroethane	10.77	97	153	0.056	ug/l #	16
56) Ethyl methacrylate	10.75	69	55	0.015	ug/l #	1
57) 1,3-Dichloropropane	10.96	76	19	0.004	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.90	63	63	0.035	ug/l #	45
59) 2-Hexanone	11.12	43	175	0.096	ug/l	83
61) 1,2-Dibromoethane	11.09	107	66	0.024	ug/l #	2
64) Tetrachloroethene	10.74	164	51	0.015	ug/l #	1
65) Chlorobenzene	11.63	112	153	0.015	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	11.71	131	47	0.014	ug/l #	16
67) Ethyl Benzene	11.74	91	1070	0.059	ug/l #	79
68) m/p-Xylenes	11.83	106	368	0.050	ug/l	74
69) o-Xylene	12.17	106	532	0.078	ug/l	59
70) Styrene	12.18	104	374	0.034	ug/l #	73
71) Bromoform	12.61	173	854	0.459	ug/l #	29
73) Isopropylbenzene	12.47	105	522	0.033	ug/l #	61
74) N-amyl acetate	12.28	43	210	0.053	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.69	83	19	0.007	ug/l #	25
77) Bromobenzene	12.75	156	71	0.019	ug/l #	64
78) n-propylbenzene	12.80	91	348	0.018	ug/l	91
79) 2-Chlorotoluene	12.88	91	144	0.013	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.87	105	550	0.040	ug/l	69
82) 4-Chlorotoluene	12.98	91	20	0.002	ug/l #	40
83) tert-Butylbenzene	13.21	119	117	0.010	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.25	105	1331	0.094	ug/l	86
85) sec-Butylbenzene	13.40	105	107	0.006	ug/l #	56
86) p-Isopropyltoluene	13.51	119	206	0.013	ug/l #	72
87) 1,3-Dichlorobenzene	13.50	146	175	0.023	ug/l #	63
88) 1,4-Dichlorobenzene	13.57	146	392	0.052	ug/l #	25
89) n-Butylbenzene	13.83	91	410	0.028	ug/l #	33
90) Hexachloroethane	14.13	117	34	0.013	ug/l #	9
91) 1,2-Dichlorobenzene	13.86	146	166	0.024	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.50	75	45	0.097	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.14	180	155	0.031	ug/l #	1
94) Hexachlorobutadiene	15.25	225	45	0.015	ug/l #	19
95) Naphthalene	15.37	128	7207	0.857	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.55	180	82	0.019	ug/l #	84

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

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