

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051119\
 Data File : VW010396.D
 Acq On : 11 May 2019 22:19
 Operator : SY/VA
 Sample : K2734-13
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS013-0612-01

Quant Time: May 12 00:30:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.62	117	494	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.57	152	293	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	196	202.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	405.18%	
35) Dibromofluoromethane	7.88	113	100	49.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.94%	
50) Toluene-d8	10.33	98	458	56.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.40%	
62) 4-Bromofluorobenzene	12.71	95	86	29.98	ug/l	0.09
Spiked Amount				50.000		
			Recovery	=	59.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.03	85	65	92.761	ug/l #	42
3) Chloromethane	2.21	50	1471	1579.145	ug/l #	84
4) Vinyl Chloride	2.38	62	203	175.352	ug/l #	13
5) Bromomethane	2.77	94	464	695.040	ug/l #	3
6) Chloroethane	2.95	64	74	110.531	ug/l	98
7) Trichlorofluoromethane	3.27	101	27	46.589	ug/l #	19
8) Diethyl Ether	3.72	74	210	412.184	ug/l	49
9) 1,1,2-Trichlorotrifluoroet	3.98	101	19	20.008	ug/l #	19
11) Tert butyl alcohol	5.17	59	259	3790.833	ug/l #	71
12) 1,1-Dichloroethene	4.01	96	72	72.559	ug/l #	1
13) Acrolein	3.90	56	139	1540.952	ug/l	97
14) Allyl chloride	4.67	41	335	226.165	ug/l #	79
15) Acrylonitrile	5.35	53	60	212.473	ug/l #	37
16) Acetone	4.13	43	13720	54399.537	ug/l #	89
17) Carbon Disulfide	4.38	76	44	14.661	ug/l #	74
18) Methyl Acetate	4.68	43	353	565.072	ug/l	99
19) Methyl tert-butyl Ether	5.41	73	66	55.873	ug/l #	16
20) Methylene Chloride	4.92	84	2627	2497.275	ug/l #	56
21) trans-1,2-Dichloroethene	5.41	96	107	100.176	ug/l #	1
22) Diisopropyl ether	6.30	45	25	8.697	ug/l #	10
23) Vinyl Acetate	6.24	43	110	55.727	ug/l #	76
24) 1,1-Dichloroethane	6.02	63	40	20.667	ug/l #	84
25) 2-Butanone	7.18	43	492	1275.177	ug/l #	51
26) 2,2-Dichloropropane	7.13	77	46	47.770	ug/l #	53
27) cis-1,2-Dichloroethene	7.18	96	64	58.264	ug/l #	1
28) Bromochloromethane	7.43	49	39	54.656	ug/l #	18
29) Tetrahydrofuran	7.54	42	240	961.709	ug/l #	55
30) Chloroform	7.68	83	62	34.230	ug/l #	19
31) Cyclohexane	7.96	56	20	10.092	ug/l #	18
32) 1,1,1-Trichloroethane	8.00	97	38	27.085	ug/l #	23
36) 1,1-Dichloropropene	7.87	75	28	7.551	ug/l #	42
37) Ethyl Acetate	7.27	43	370	187.399	ug/l #	71
38) Carbon Tetrachloride	8.28	117	95	29.886	ug/l #	13
39) Methylcyclohexane	9.26	83	21	4.629	ug/l #	15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.32	78	692	68.141	ug/l #	51
41) Methacrylonitrile	7.49	41	267	241.136	ug/l #	21
42) 1,2-Dichloroethane	8.33	62	58	19.953	ug/l #	77
43) Isopropyl Acetate	8.38	43	256	78.181	ug/l #	53
45) 1,2-Dichloropropane	9.38	63	37	14.657	ug/l #	45
46) Dibromomethane	9.46	93	58	44.475	ug/l #	5
47) Bromodichloromethane	9.62	83	23	7.352	ug/l #	25
48) Methyl methacrylate	9.41	41	199	128.532	ug/l #	17
51) 4-Methyl-2-Pentanone	10.20	43	245	130.486	ug/l #	53
52) Toluene	10.38	92	284	45.753	ug/l	98
53) t-1,3-Dichloropropene	10.68	75	25	7.890	ug/l #	41
54) cis-1,3-Dichloropropene	10.16	75	23	6.129	ug/l #	79
55) 1,1,2-Trichloroethane	10.79	97	98	52.908	ug/l #	15
56) Ethyl methacrylate	10.66	69	48	19.624	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	22	6.644	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.79	63	20	17.078	ug/l #	48
59) 2-Hexanone	10.72	43	186	140.110	ug/l	72
64) Tetrachloroethene	10.75	164	25	7.241	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.65	131	55	15.913	ug/l #	1
67) Ethyl Benzene	11.73	91	401	21.316	ug/l #	45
68) m/p-Xylenes	11.84	106	30	4.292	ug/l #	1
69) o-Xylene	12.12	106	27	4.270	ug/l #	1
70) Styrene	12.19	104	41	3.722	ug/l #	1
73) Isopropylbenzene	12.47	105	123	5.759	ug/l #	49
74) N-amyl acetate	12.27	43	201	36.429	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.93	83	42	8.925	ug/l #	54
76) 1,2,3-Trichloropropane	12.77	75	73	21.369	ug/l #	100
78) n-propylbenzene	12.82	91	81	3.071	ug/l	87
79) 2-Chlorotoluene	12.93	91	40	2.663	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.91	105	23	1.277	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.61	75	192	126.925	ug/l #	5
82) 4-Chlorotoluene	12.98	91	21	1.334	ug/l #	42
83) tert-Butylbenzene	13.21	119	23	1.532	ug/l #	24
84) 1,2,4-Trimethylbenzene	13.27	105	142	7.937	ug/l #	60
85) sec-Butylbenzene	13.27	105	142	6.405	ug/l #	57
86) p-Isopropyltoluene	13.49	119	70	3.556	ug/l #	64
87) 1,3-Dichlorobenzene	13.59	146	238	24.716	ug/l #	25
88) 1,4-Dichlorobenzene	13.59	146	238	24.906	ug/l #	25
89) n-Butylbenzene	13.83	91	20	1.013	ug/l #	33
91) 1,2-Dichlorobenzene	13.88	146	121	14.195	ug/l #	50
92) 1,2-Dibromo-3-Chloropropan	14.54	75	55	64.906	ug/l #	7
95) Naphthalene	15.37	128	597	45.286	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.55	180	28	5.328	ug/l #	1

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

