

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008139.D
 Acq On : 10 Jan 2019 08:58
 Operator : SY/AP
 Sample : K1006-09
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-010819-E

Quant Time: Jan 10 11:12:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	3471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	3015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	815	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1559	72.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.86%	
35) Dibromofluoromethane	7.89	113	1278	63.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.26%	
50) Toluene-d8	10.33	98	4309	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	1330	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	

Target Compounds

						Qvalue
3) Chloromethane	2.22	50	84	4.143	ug/l #	24
4) Vinyl Chloride	2.26	62	40	1.512	ug/l #	1
5) Bromomethane	2.67	94	20	1.009	ug/l #	3
8) Diethyl Ether	3.63	74	19	1.562	ug/l #	1
11) Tert butyl alcohol	5.17	59	72	30.761	ug/l #	100
12) 1,1-Dichloroethene	3.99	96	21	1.001	ug/l #	1
13) Acrolein	3.91	56	26	16.749	ug/l #	14
14) Allyl chloride	4.66	41	78	2.049	ug/l #	1
15) Acrylonitrile	5.38	53	22	4.751	ug/l #	1
16) Acetone	4.12	43	1853	500.129	ug/l	94
18) Methyl Acetate	4.67	43	96	7.057	ug/l #	52
20) Methylene Chloride	4.93	84	74	Below Cal	#	39
23) Vinyl Acetate	6.26	43	59	1.547	ug/l #	74
25) 2-Butanone	7.20	43	46	7.682	ug/l #	49
28) Bromochloromethane	7.57	49	26	1.554	ug/l #	18
29) Tetrahydrofuran	7.55	42	107	26.749	ug/l #	35
31) Cyclohexane	7.96	56	78	1.722	ug/l #	17
36) 1,1-Dichloropropene	7.94	75	142	3.971	ug/l #	42
37) Ethyl Acetate	7.23	43	19	1.326	ug/l #	1
38) Carbon Tetrachloride	7.95	117	206	6.295	ug/l #	12
41) Methacrylonitrile	7.46	41	55	6.078	ug/l #	1
43) Isopropyl Acetate	8.43	43	61	2.130	ug/l #	80
46) Dibromomethane	9.48	93	20	1.694	ug/l #	6
48) Methyl methacrylate	9.43	41	55	4.070	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	50	3.607	ug/l #	37
55) 1,1,2-Trichloroethane	10.65	97	19	1.146	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.93	63	38	3.583	ug/l #	48
59) 2-Hexanone	11.12	43	44	4.693	ug/l	85
60) Dibromochloromethane	11.18	129	20	1.098	ug/l	80
66) 1,1,1,2-Tetrachloroethane	11.48	131	22	1.059	ug/l #	8
74) N-amyl acetate	12.26	43	87	6.140	ug/l #	16
75) 1,1,2,2-Tetrachloroethane	12.64	83	42	4.101	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	710	95.564	ug/l #	1
77) Bromobenzene	12.88	156	23	1.701	ug/l #	25

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.99	91	79	1.008	ug/l #	53
79) 2-Chlorotoluene	12.99	91	79	1.806	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.62	75	710	222.538	ug/l #	10
82) 4-Chlorotoluene	12.99	91	79	1.715	ug/l #	42
83) tert-Butylbenzene	13.24	119	75	1.612	ug/l #	25
86) p-Isopropyltoluene	13.24	119	75	1.275	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23	13.954	ug/l #	6

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

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