

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007578.D
 Acq On : 15 Dec 2018 13:34
 Operator : SY/AP
 Sample : J6353-02MS
 Misc : 6.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0002-01MS

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:46:27 PM

Quant Time: Dec 15 22:52:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	48538	65.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.46%	
35) Dibromofluoromethane	7.88	113	16337	22.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.16%	
50) Toluene-d8	10.32	98	123000	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
62) 4-Bromofluorobenzene	12.62	95	32241	32.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.64%	

Target Compounds

						Qvalue
3) Chloromethane	2.16	50	806	2.069	ug/l	93
7) Trichlorofluoromethane	3.26	101	833	2.027	ug/l	99
11) Tert butyl alcohol	5.17	59	1774	34.979	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	6112	9.360	ug/l	87
13) Acrolein	3.84	56	1195	35.609	ug/l #	1
15) Acrylonitrile	5.43	53	3296	24.305	ug/l #	34
16) Acetone	4.11	43	35557	275.662	ug/l #	69
17) Carbon Disulfide	4.38	76	2213	1.118	ug/l #	94
18) Methyl Acetate	4.74	43	1183	3.379	ug/l #	49
20) Methylene Chloride	4.90	84	977	Below Cal	#	68
23) Vinyl Acetate	6.23	43	1470	1.421	ug/l #	72
25) 2-Butanone	7.17	43	11324	67.247	ug/l	96
29) Tetrahydrofuran	7.52	42	257	2.411	ug/l #	64
31) Cyclohexane	7.95	56	58088	50.635	ug/l	96
36) 1,1-Dichloropropene	7.95	75	5460	5.007	ug/l #	56
37) Ethyl Acetate	7.26	43	824	2.032	ug/l #	66
38) Carbon Tetrachloride	7.95	117	7348	6.193	ug/l #	17
39) Methylcyclohexane	9.34	83	45060	34.126	ug/l	97
40) Benzene	8.32	78	58657	19.383	ug/l	99
41) Methacrylonitrile	7.53	41	1340	5.802	ug/l #	20
43) Isopropyl Acetate	8.42	43	5814	7.257	ug/l #	50
45) 1,2-Dichloropropane	9.34	63	784	1.120	ug/l #	1
47) Bromodichloromethane	9.62	83	2655	2.545	ug/l #	28
48) Methyl methacrylate	9.38	41	5700	13.854	ug/l #	46
51) 4-Methyl-2-Pentanone	10.21	43	23823	62.935	ug/l	98
52) Toluene	10.39	92	704437	359.706	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	9039	8.926	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	7586	14.016	ug/l #	24
59) 2-Hexanone	10.94	43	3652	14.469	ug/l #	27
67) Ethyl Benzene	11.73	91	450919	165.877	ug/l	92
68) m/p-Xylenes	11.84	106	547447	518.028	ug/l	100
69) o-Xylene	12.17	106	252158	255.486	ug/l	97
70) Styrene	12.18	104	76215	47.809	ug/l #	56
73) Isopropylbenzene	12.47	105	38753	27.421	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	12.24	43	2079	8.094	ug/l #	61
76) 1,2,3-Trichloropropane	12.80	75	744m	4.892	ug/l	
77) Bromobenzene	12.88	156	589	1.880	ug/l #	1
78) n-propylbenzene	12.81	91	128997	81.106	ug/l	100
79) 2-Chlorotoluene	12.87	91	51941	53.972	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.94	105	173699	146.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.47	75	620	9.006	ug/l #	68
82) 4-Chlorotoluene	12.94	91	18872	18.603	ug/l #	43
83) tert-Butylbenzene	13.26	119	67511	64.522	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.26	105	544962	445.967	ug/l	98
85) sec-Butylbenzene	13.38	105	5278m	3.695	ug/l	
86) p-Isopropyltoluene	13.44	119	9098	7.090	ug/l	93
89) n-Butylbenzene	13.83	91	6381	5.364	ug/l #	56
90) Hexachloroethane	14.10	117	4013	17.576	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.46	75	252	5.999	ug/l #	3
95) Naphthalene	15.37	128	44798	60.827	ug/l	97

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

