

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008773.D
 Acq On : 21 Feb 2019 16:50
 Operator : SY/VA
 Sample : K1344-03
 Misc : 7.25G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-022019-B

Quant Time: Feb 22 01:06:00 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	376235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	576024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	496146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217206	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	206345	58.48	ug/l	0.00
Spiked Amount			Recovery	=	116.96%	
35) Dibromofluoromethane	7.88	113	176040	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	10.32	98	679477	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	224941	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	123	0.033	ug/l #	42
3) Chloromethane	2.21	50	613	0.134	ug/l	91
4) Vinyl Chloride	2.36	62	51	0.011	ug/l #	1
5) Bromomethane	2.78	94	761	0.211	ug/l #	27
6) Chloroethane	2.93	64	513	0.149	ug/l #	46
7) Trichlorofluoromethane	3.24	101	142	0.023	ug/l #	66
8) Diethyl Ether	3.49	74	274	0.141	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.88	101	22	0.006	ug/l #	53
10) Methyl Iodide	4.28	142	673	0.144	ug/l #	81
12) 1,1-Dichloroethene	4.04	96	123	0.037	ug/l #	1
14) Allyl chloride	4.68	41	385	0.068	ug/l #	76
15) Acrylonitrile	5.37	53	303	0.363	ug/l #	35
16) Acetone	4.13	43	88431	108.115	ug/l	99
18) Methyl Acetate	4.68	43	1592	0.821	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	256	0.029	ug/l #	80
21) trans-1,2-Dichloroethene	5.42	96	102	0.027	ug/l #	1
22) Diisopropyl ether	6.32	45	83	0.007	ug/l #	46
23) Vinyl Acetate	6.27	43	477	0.068	ug/l #	73
24) 1,1-Dichloroethane	6.20	63	218	0.033	ug/l #	82
25) 2-Butanone	7.18	43	18049	15.784	ug/l	91
27) cis-1,2-Dichloroethene	7.18	96	218	0.053	ug/l #	8
28) Bromochloromethane	7.51	49	60	0.022	ug/l #	13
30) Chloroform	7.67	83	323	0.048	ug/l	87
32) 1,1,1-Trichloroethane	7.87	97	30	0.005	ug/l #	24
39) Methylcyclohexane	9.33	83	979	0.140	ug/l #	42
40) Benzene	8.32	78	1387	0.091	ug/l #	85
41) Methacrylonitrile	7.50	41	197	0.129	ug/l #	40
42) 1,2-Dichloroethane	8.40	62	849	0.175	ug/l	82
43) Isopropyl Acetate	8.41	43	242	0.047	ug/l #	52
44) Trichloroethene	9.08	130	198	0.046	ug/l	37
45) 1,2-Dichloropropane	9.35	63	82	0.022	ug/l #	43
46) Dibromomethane	9.46	93	127	0.060	ug/l #	1
47) Bromodichloromethane	9.65	83	96	0.019	ug/l #	24
48) Methyl methacrylate	9.43	41	143	0.057	ug/l #	59

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

49) 1,4-Dioxane	9.49	88	25	0.742	ug/l #	1
52) Toluene	10.38	92	61988	5.966	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	475	0.091	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	259	0.044	ug/l #	48
55) 1,1,2-Trichloroethane	10.80	97	265	0.093	ug/l #	44
56) Ethyl methacrylate	10.65	69	234	0.063	ug/l #	56
57) 1,3-Dichloropropane	10.91	76	311	0.062	ug/l #	53
58) 2-Chloroethyl Vinyl ether	9.91	63	80	0.043	ug/l #	61
59) 2-Hexanone	10.96	43	1121	0.596	ug/l	100
60) Dibromochloromethane	11.11	129	37	0.011	ug/l #	10
61) 1,2-Dibromoethane	11.24	107	77	0.027	ug/l #	22
64) Tetrachloroethene	10.86	164	203	0.057	ug/l #	52
65) Chlorobenzene	11.66	112	1073	0.103	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.76	131	38	0.011	ug/l #	33
67) Ethyl Benzene	11.73	91	6623	0.355	ug/l	100
68) m/p-Xylenes	11.84	106	8927	1.198	ug/l	96
69) o-Xylene	12.16	106	3445	0.493	ug/l	98
70) Styrene	12.18	104	1252	0.111	ug/l #	62
71) Bromoform	12.59	173	42	0.022	ug/l #	29
73) Isopropylbenzene	12.47	105	1010	0.068	ug/l	93
74) N-amyl acetate	12.25	43	1060	0.283	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.70	83	374	0.154	ug/l	66
77) Bromobenzene	12.75	156	430	0.122	ug/l #	40
78) n-propylbenzene	12.81	91	2361	0.130	ug/l	96
79) 2-Chlorotoluene	12.90	91	1345	0.130	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	1977	0.153	ug/l	95
82) 4-Chlorotoluene	12.99	91	1676	0.154	ug/l	86
83) tert-Butylbenzene	13.21	119	1119	0.100	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	4908	0.366	ug/l	91
85) sec-Butylbenzene	13.38	105	2225	0.138	ug/l	97
86) p-Isopropyltoluene	13.50	119	2064	0.140	ug/l	91
87) 1,3-Dichlorobenzene	13.49	146	2017	0.276	ug/l	94
88) 1,4-Dichlorobenzene	13.49	146	2017	0.280	ug/l	93
89) n-Butylbenzene	13.82	91	3342	0.242	ug/l	94
90) Hexachloroethane	14.11	117	760	0.315	ug/l #	26
91) 1,2-Dichlorobenzene	13.88	146	1479	0.227	ug/l #	76
92) 1,2-Dibromo-3-Chloropropan	14.48	75	349	0.793	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.14	180	2738	0.584	ug/l #	76
94) Hexachlorobutadiene	15.24	225	786	0.285	ug/l	76
95) Naphthalene	15.37	128	6312	0.791	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	2413	0.595	ug/l #	72

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

