

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008774.D
 Acq On : 21 Feb 2019 17:17
 Operator : SY/VA
 Sample : K1345-03RE
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-01-022019RE

Quant Time: Feb 22 01:08:24 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	382428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	578787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	508041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	233484	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	205031	57.16	ug/l	0.00
Spiked Amount			Recovery	=	114.32%	
35) Dibromofluoromethane	7.88	113	174613	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
50) Toluene-d8	10.32	98	684492	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.62	95	230080	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	306	0.080	ug/l	93
3) Chloromethane	2.22	50	441	0.095	ug/l #	80
4) Vinyl Chloride	2.36	62	25	0.005	ug/l #	44
5) Bromomethane	2.78	94	479	0.131	ug/l #	15
6) Chloroethane	2.90	64	166	0.047	ug/l	91
7) Trichlorofluoromethane	3.27	101	463	0.074	ug/l #	77
8) Diethyl Ether	3.69	74	1555	0.787	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.94	101	51	0.013	ug/l #	48
10) Methyl Iodide	4.28	142	387	0.082	ug/l #	48
12) 1,1-Dichloroethene	4.04	96	69	0.021	ug/l #	1
14) Allyl chloride	4.66	41	65	0.011	ug/l #	1
15) Acrylonitrile	5.36	53	320	0.377	ug/l #	35
16) Acetone	4.13	43	33208	39.942	ug/l	97
17) Carbon Disulfide	4.37	76	705	0.063	ug/l #	73
18) Methyl Acetate	4.68	43	913	0.463	ug/l #	66
19) Methyl tert-butyl Ether	5.44	73	115	0.013	ug/l #	1
20) Methylene Chloride	4.92	84	35499	3.963	ug/l	97
21) trans-1,2-Dichloroethene	5.40	96	153	0.040	ug/l #	1
22) Diisopropyl ether	6.32	45	280	0.024	ug/l #	35
23) Vinyl Acetate	6.26	43	429	0.060	ug/l #	73
24) 1,1-Dichloroethane	6.23	63	105	0.016	ug/l #	82
26) 2,2-Dichloropropane	7.15	77	5710	0.941	ug/l #	54
27) cis-1,2-Dichloroethene	7.15	96	87	0.021	ug/l #	1
28) Bromochloromethane	7.49	49	44	0.016	ug/l #	13
30) Chloroform	7.68	83	364	0.053	ug/l #	79
32) 1,1,1-Trichloroethane	7.85	97	42	0.007	ug/l #	24
37) Ethyl Acetate	7.27	43	256	0.098	ug/l #	70
39) Methylcyclohexane	9.34	83	1844	0.262	ug/l	96
40) Benzene	8.32	78	4320	0.281	ug/l	98
41) Methacrylonitrile	7.47	41	148	0.096	ug/l #	37
42) 1,2-Dichloroethane	8.40	62	834	0.171	ug/l #	75
43) Isopropyl Acetate	8.41	43	586	0.112	ug/l #	52
44) Trichloroethene	9.10	130	98	0.023	ug/l	3
45) 1,2-Dichloropropane	9.35	63	89	0.023	ug/l #	43

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

46) Dibromomethane	9.62	93	142	0.067	ug/l #	1
47) Bromodichloromethane	9.65	83	77	0.015	ug/l #	24
48) Methyl methacrylate	9.43	41	130	0.052	ug/l #	1
52) Toluene	10.39	92	20736	1.986	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	96	0.018	ug/l #	1
54) cis-1,3-Dichloropropene	10.05	75	102	0.017	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	1739	0.606	ug/l #	18
56) Ethyl methacrylate	10.66	69	694	0.186	ug/l #	1
57) 1,3-Dichloropropane	11.01	76	40	0.008	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.91	63	27	0.014	ug/l #	45
59) 2-Hexanone	11.07	43	366	0.194	ug/l	87
60) Dibromochloromethane	11.07	129	31	0.009	ug/l	85
61) 1,2-Dibromoethane	11.23	107	27	0.010	ug/l #	1
64) Tetrachloroethene	10.87	164	138	0.038	ug/l #	66
65) Chlorobenzene	11.65	112	372	0.035	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.75	131	120	0.033	ug/l #	39
67) Ethyl Benzene	11.73	91	8691	0.455	ug/l	97
68) m/p-Xylenes	11.83	106	11816	1.549	ug/l	95
69) o-Xylene	12.16	106	7401	1.033	ug/l	87
70) Styrene	12.18	104	1705	0.148	ug/l #	22
71) Bromoform	12.34	173	105	0.054	ug/l #	29
73) Isopropylbenzene	12.47	105	4473	0.279	ug/l	98
74) N-amyl acetate	12.25	43	1587	0.394	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.67	83	132	0.050	ug/l #	75
77) Bromobenzene	12.74	156	177	0.047	ug/l #	1
78) n-propylbenzene	12.81	91	15671	0.800	ug/l	95
79) 2-Chlorotoluene	12.87	91	6065	0.546	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	18166	1.306	ug/l	98
82) 4-Chlorotoluene	13.00	91	813	0.069	ug/l #	65
83) tert-Butylbenzene	13.21	119	579	0.048	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.26	105	68987	4.791	ug/l	99
85) sec-Butylbenzene	13.38	105	8946	0.517	ug/l	84
86) p-Isopropyltoluene	13.50	119	5925	0.374	ug/l	87
87) 1,3-Dichlorobenzene	13.51	146	1283	0.163	ug/l #	74
88) 1,4-Dichlorobenzene	13.58	146	1901	0.246	ug/l #	72
91) 1,2-Dichlorobenzene	13.88	146	1004	0.144	ug/l #	54
92) 1,2-Dibromo-3-Chloropropan	14.49	75	439	0.928	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.14	180	1535	0.305	ug/l #	1
94) Hexachlorobutadiene	15.24	225	261	0.088	ug/l #	33
95) Naphthalene	15.37	128	144314	16.824	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	1597	0.367	ug/l #	85

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

