

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008783.D
 Acq On : 21 Feb 2019 21:17
 Operator : SY/VA
 Sample : K1547-02
 Misc : 7.19G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-S2

Quant Time: Feb 22 01:28:02 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	343445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	536804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	444241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	180556	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	188279	58.45	ug/l	0.00
Spiked Amount			Recovery	=	116.90%	
35) Dibromofluoromethane	7.88	113	166717	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
50) Toluene-d8	10.32	98	626118	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	188643	38.72	ug/l	0.00
Spiked Amount			Recovery	=	77.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	178	0.052	ug/l #	42
3) Chloromethane	2.21	50	122	0.029	ug/l #	53
4) Vinyl Chloride	2.33	62	107	0.024	ug/l #	71
5) Bromomethane	2.74	94	38	0.012	ug/l #	4
6) Chloroethane	2.91	64	50	0.016	ug/l #	1
7) Trichlorofluoromethane	3.24	101	292	0.052	ug/l #	53
9) 1,1,2-Trichlorotrifluoroet	4.07	101	31	0.009	ug/l #	16
10) Methyl Iodide	4.26	142	185	0.043	ug/l #	40
12) 1,1-Dichloroethene	4.06	96	194	0.065	ug/l #	6
14) Allyl chloride	4.68	41	288	0.055	ug/l #	87
15) Acrylonitrile	5.37	53	292	0.383	ug/l #	27
16) Acetone	4.13	43	33231	44.507	ug/l	95
17) Carbon Disulfide	4.37	76	708	0.071	ug/l #	73
18) Methyl Acetate	4.68	43	567	0.320	ug/l #	69
19) Methyl tert-butyl Ether	5.43	73	604	0.074	ug/l #	1
21) trans-1,2-Dichloroethene	5.45	96	228	0.066	ug/l #	1
22) Diisopropyl ether	6.31	45	117	0.011	ug/l #	21
23) Vinyl Acetate	6.27	43	441	0.069	ug/l #	73
24) 1,1-Dichloroethane	6.08	63	39	0.007	ug/l #	82
26) 2,2-Dichloropropane	7.13	77	328	0.060	ug/l #	54
27) cis-1,2-Dichloroethene	7.24	96	173	0.046	ug/l #	1
28) Bromochloromethane	7.49	49	20	0.008	ug/l #	13
30) Chloroform	7.66	83	709	0.115	ug/l #	68
32) 1,1,1-Trichloroethane	7.93	97	98	0.018	ug/l #	24
37) Ethyl Acetate	7.24	43	208	0.086	ug/l #	70
39) Methylcyclohexane	9.34	83	1560	0.239	ug/l #	76
40) Benzene	8.32	78	27075	1.898	ug/l	97
41) Methacrylonitrile	7.49	41	148	0.104	ug/l #	45
42) 1,2-Dichloroethane	8.38	62	229	0.051	ug/l #	75
43) Isopropyl Acetate	8.43	43	373	0.077	ug/l #	77
44) Trichloroethene	9.13	130	64	0.016	ug/l	3
45) 1,2-Dichloropropane	9.38	63	33	0.009	ug/l #	43
46) Dibromomethane	9.46	93	26	0.013	ug/l #	1
47) Bromodichloromethane	9.66	83	24	0.005	ug/l #	24

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

48) Methyl methacrylate	9.45	41	276	0.119	ug/l #	13
49) 1,4-Dioxane	9.37	88	31	0.987	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	1133	0.460	ug/l	95
52) Toluene	10.38	92	20903	2.159	ug/l	100
53) t-1,3-Dichloropropene	10.59	75	19	0.004	ug/l #	1
54) cis-1,3-Dichloropropene	10.10	75	27	0.005	ug/l #	45
55) 1,1,2-Trichloroethane	10.76	97	1037	0.390	ug/l #	25
56) Ethyl methacrylate	10.67	69	235	0.068	ug/l #	1
57) 1,3-Dichloropropane	10.85	76	69	0.015	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.96	63	41	0.024	ug/l #	45
59) 2-Hexanone	10.97	43	538	0.307	ug/l	80
60) Dibromochloromethane	11.11	129	88	0.027	ug/l #	10
61) 1,2-Dibromoethane	11.33	107	27	0.010	ug/l #	2
64) Tetrachloroethene	10.87	164	774	0.243	ug/l #	71
65) Chlorobenzene	11.66	112	136	0.015	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	11.64	131	27	0.009	ug/l #	1
67) Ethyl Benzene	11.73	91	8267	0.495	ug/l	98
68) m/p-Xylenes	11.83	106	9717	1.456	ug/l	92
69) o-Xylene	12.17	106	4710	0.752	ug/l	98
70) Styrene	12.18	104	772	0.077	ug/l #	1
71) Bromoform	12.56	173	48	0.028	ug/l #	29
73) Isopropylbenzene	12.46	105	1207	0.098	ug/l	87
74) N-amyl acetate	12.24	43	1361	0.437	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.46	83	245	0.121	ug/l	95
77) Bromobenzene	12.80	156	30	0.010	ug/l #	1
78) n-propylbenzene	12.80	91	2903	0.192	ug/l	98
79) 2-Chlorotoluene	12.87	91	1079	0.126	ug/l #	54
80) 1,3,5-Trimethylbenzene	12.94	105	6127	0.570	ug/l	98
82) 4-Chlorotoluene	13.01	91	192	0.021	ug/l #	24
83) tert-Butylbenzene	13.21	119	280	0.030	ug/l #	20
84) 1,2,4-Trimethylbenzene	13.25	105	23549	2.115	ug/l	97
85) sec-Butylbenzene	13.38	105	3744	0.280	ug/l #	64
86) p-Isopropyltoluene	13.51	119	5816	0.474	ug/l	94
87) 1,3-Dichlorobenzene	13.57	146	598	0.099	ug/l #	1
88) 1,4-Dichlorobenzene	13.57	146	598	0.100	ug/l #	1
89) n-Butylbenzene	13.82	91	3369	0.293	ug/l #	75
90) Hexachloroethane	14.10	117	1727	0.860	ug/l #	9
91) 1,2-Dichlorobenzene	13.87	146	264	0.049	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	338	0.924	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.14	180	264	0.068	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.55	180	519	0.154	ug/l #	1

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

