

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101619\
 Data File : VD063987.D
 Acq On : 16 Oct 2019 15:07
 Operator : VA/SY
 Sample : K5394-10
 Misc : 7.71G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-15-E1-(20)

Quant Time: Oct 16 18:08:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	1021	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.86	114	917	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.64	117	2004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	462	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	830	83.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	167.00%	
35) Dibromofluoromethane	7.91	113	484	86.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	172.74%	
50) Toluene-d8	10.35	98	2982	131.10	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	262.20%	
62) 4-Bromofluorobenzene	12.64	95	630	79.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	159.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.97	85	127	17.540	ug/l #	47
4) Vinyl Chloride	2.38	62	96	4.102	ug/l #	43
5) Bromomethane	2.76	94	59	3.922	ug/l #	5
6) Chloroethane	2.94	64	64	4.135	ug/l #	46
7) Trichlorofluoromethane	3.09	101	108	3.491	ug/l #	18
8) Diethyl Ether	3.49	74	61	12.283	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	4.27	101	55	6.422	ug/l #	16
10) Methyl Iodide	4.14	142	60	5.084	ug/l #	40
11) Tert butyl alcohol	5.27	59	71	97.936	ug/l #	1
13) Acrolein	3.97	56	72	81.099	ug/l #	23
14) Allyl chloride	4.68	41	53	3.725	ug/l #	1
15) Acrylonitrile	5.43	53	146	66.681	ug/l #	17
16) Acetone	4.17	43	62	23.957	ug/l #	42
17) Carbon Disulfide	4.56	76	95	3.054	ug/l #	79
18) Methyl Acetate	4.70	43	61	12.051	ug/l #	49
19) Methyl tert-butyl Ether	5.67	73	55	2.482	ug/l #	53
20) Methylene Chloride	5.05	84	60	2.357	ug/l #	7
21) trans-1,2-Dichloroethene	5.50	96	67	6.290	ug/l #	1
22) Diisopropyl ether	6.33	45	67	2.306	ug/l #	10
23) Vinyl Acetate	6.28	43	56	3.240	ug/l #	71
24) 1,1-Dichloroethane	6.40	63	76	4.247	ug/l #	82
25) 2-Butanone	7.16	43	55	17.933	ug/l #	51
26) 2,2-Dichloropropane	7.21	77	71	4.386	ug/l #	53
27) cis-1,2-Dichloroethene	7.33	96	69	5.723	ug/l #	1
28) Bromochloromethane	7.60	49	64	10.920	ug/l #	2
29) Tetrahydrofuran	7.55	42	176	98.315	ug/l #	31
31) Cyclohexane	7.90	56	95	2.640	ug/l #	12
32) 1,1,1-Trichloroethane	8.10	97	59	3.538	ug/l #	24
36) 1,1-Dichloropropene	8.11	75	181	21.588	ug/l #	41
37) Ethyl Acetate	7.30	43	57	14.090	ug/l #	68
39) Methylcyclohexane	9.19	83	60	5.820	ug/l #	18
40) Benzene	8.37	78	69	2.872	ug/l #	52
41) Methacrylonitrile	7.53	41	72	37.039	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	90	12.949	ug/l #	1

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

43) Isopropyl Acetate	8.39	43	212	30.150	ug/l #	87
45) 1,2-Dichloropropane	9.46	63	73	12.413	ug/l #	41
46) Dibromomethane	9.60	93	54	16.123	ug/l #	3
47) Bromodichloromethane	9.71	83	61	7.074	ug/l #	26
48) Methyl methacrylate	9.46	41	113	33.541	ug/l #	1
49) 1,4-Dioxane	9.68	88	60	1312.402	ug/l #	24
51) 4-Methyl-2-Pentanone	10.21	43	97	26.600	ug/l #	34
53) t-1,3-Dichloropropene	10.66	75	55	6.536	ug/l #	1
54) cis-1,3-Dichloropropene	10.31	75	53	5.472	ug/l #	33
55) 1,1,2-Trichloroethane	10.78	97	179	37.851	ug/l #	14
56) Ethyl methacrylate	10.64	69	74	12.357	ug/l #	1
57) 1,3-Dichloropropane	10.92	76	102	12.606	ug/l #	57
58) 2-Chloroethyl Vinyl ether	9.90	63	78	30.301	ug/l #	1
59) 2-Hexanone	11.20	43	124	47.007	ug/l #	87
61) 1,2-Dibromoethane	11.07	107	67	14.614	ug/l #	3
64) Tetrachloroethene	11.04	164	57	4.166	ug/l #	1
67) Ethyl Benzene	11.75	91	133	1.833	ug/l #	44
68) m/p-Xylenes	11.74	106	57	2.035	ug/l #	73
69) o-Xylene	12.43	106	70	2.610	ug/l #	1
71) Bromoform	12.60	173	76	9.549	ug/l #	28
73) Isopropylbenzene	12.48	105	63	2.028	ug/l #	1
74) N-amyl acetate	12.30	43	57	8.524	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	12.48	83	55	10.177	ug/l #	1
76) 1,2,3-Trichloropropane	12.83	75	54	17.451	ug/l #	100
77) Bromobenzene	12.70	156	57	7.366	ug/l #	1
78) n-propylbenzene	12.79	91	81	2.222	ug/l #	51
79) 2-Chlorotoluene	12.79	91	81	4.030	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.95	105	54	2.084	ug/l #	26
81) trans-1,4-Dichloro-2-buten	12.64	75	551	315.106	ug/l #	12
82) 4-Chlorotoluene	12.79	91	81	3.799	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.38	105	72	2.695	ug/l #	29
85) sec-Butylbenzene	13.38	105	72	2.312	ug/l #	55
87) 1,3-Dichlorobenzene	13.60	146	214	13.997	ug/l #	26
88) 1,4-Dichlorobenzene	13.60	146	214	14.188	ug/l #	25
89) n-Butylbenzene	13.85	91	236	8.604	ug/l #	32
91) 1,2-Dichlorobenzene	13.88	146	58	4.402	ug/l #	26
92) 1,2-Dibromo-3-Chloropropan	14.36	75	58	70.058	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.77	180	71	8.094	ug/l #	13

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

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