

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052219\
 Data File : VD062509.D
 Acq On : 22 May 2019 18:08
 Operator : VA/AP
 Sample : K2996-08
 Misc : 6.02g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-8(9.5-10.0)

Quant Time: May 23 03:15:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	5100	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	8832	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	7196	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	4047	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	4379	80.21	ug/l	-0.02
Spiked Amount			Recovery	=	160.42%	
35) Dibromofluoromethane	6.89	113	2508	31.48	ug/l	-0.05
Spiked Amount			Recovery	=	62.96%	
50) Toluene-d8	10.39	98	13640	78.23	ug/l	-0.03
Spiked Amount			Recovery	=	156.46%	
62) 4-Bromofluorobenzene	13.54	95	7368	96.60	ug/l	-0.02
Spiked Amount			Recovery	=	193.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.98	56	183	87.449	ug/l #	1
14) Allyl chloride	3.67	41	3222	57.857	ug/l #	57
15) Acrylonitrile	4.21	53	12522	2168.621	ug/l #	30
16) Acetone	3.26	43	844	86.274	ug/l #	50
20) Methylene Chloride	3.93	84	6969	183.684	ug/l #	13
23) Vinyl Acetate	5.04	43	4001	55.859	ug/l #	77
24) 1,1-Dichloroethane	5.03	63	529	6.929	ug/l #	85
25) 2-Butanone	6.05	43	423	41.341	ug/l #	56
29) Tetrahydrofuran	6.60	42	2408	492.774	ug/l #	30
30) Chloroform	6.58	83	31785	326.577	ug/l #	18
31) Cyclohexane	6.95	56	118047	2290.136	ug/l #	51
37) Ethyl Acetate	6.05	43	423	12.895	ug/l #	64
39) Methylcyclohexane	8.85	83	131856	1893.228	ug/l	91
40) Benzene	7.44	78	11984	72.354	ug/l	100
41) Methacrylonitrile	6.45	41	9414	228.503	ug/l #	58
43) Isopropyl Acetate	9.26	43	8905	204.631	ug/l #	43
45) 1,2-Dichloropropane	8.83	63	1988	49.252	ug/l #	1
46) Dibromomethane	8.93	93	982	26.839	ug/l #	1
47) Bromodichloromethane	9.37	83	33843	363.601	ug/l #	26
48) Methyl methacrylate	9.13	41	39211	1338.948	ug/l	92
51) 4-Methyl-2-Pentanone	10.26	43	2667	92.770	ug/l #	37
52) Toluene	10.49	92	26174	230.836	ug/l	94
55) 1,1,2-Trichloroethane	11.09	97	37835	984.537	ug/l #	22
56) Ethyl methacrylate	11.07	69	26540	646.026	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.77	63	2300	109.029	ug/l #	46
59) 2-Hexanone	11.47	43	24743	1184.227	ug/l #	27
67) Ethyl Benzene	12.51	91	382849	1606.217	ug/l	97
68) m/p-Xylenes	12.66	106	213821	2499.079	ug/l	93
69) o-Xylene	13.04	106	29688	367.753	ug/l	85
70) Styrene	13.04	104	1426	10.384	ug/l #	1
73) Isopropylbenzene	13.39	105	636038	2493.311	ug/l	99
74) N-amyl acetate	13.30	43	8087	128.355	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.71	83	1472	31.985	ug/l #	81
76) 1,2,3-Trichloropropane	13.76	75	5558	116.596	ug/l #	1

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

78) n-propylbenzene	13.77	91	726122	2457.364	ug/l	100
79) 2-Chlorotoluene	13.87	91	26987	150.496	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.93	105	138434	626.749	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.54	75	1307	97.219	ug/l #	11
82) 4-Chlorotoluene	13.93	91	16536	80.072	ug/l #	37
83) tert-Butylbenzene	14.18	119	9333	38.093	ug/l	91
84) 1,2,4-Trimethylbenzene	14.23	105	166468	735.521	ug/l	99
85) sec-Butylbenzene	14.36	105	61728	241.626	ug/l	100
86) p-Isopropyltoluene	14.48	119	21890	94.552	ug/l	86
89) n-Butylbenzene	14.79	91	152117	680.827	ug/l	97
90) Hexachloroethane	15.05	117	55422	866.205	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	15.42	75	193	22.094	ug/l #	1
95) Naphthalene	16.11	128	60417	516.767	ug/l	98

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

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