

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067434.D
 Acq On : 28 Oct 2020 15:21
 Operator : VA/SY
 Sample : L4528-03RE
 Misc : 2.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24245RE

Quant Time: Oct 29 02:58:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	10739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	16873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	18579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	10919	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	7323	68.06	ug/l	0.00
Spiked Amount			Recovery	=	136.12%	
35) Dibromofluoromethane	7.92	113	4186	37.28	ug/l	0.00
Spiked Amount			Recovery	=	74.56%	
50) Toluene-d8	10.34	98	22920	56.40	ug/l	0.00
Spiked Amount			Recovery	=	112.80%	
62) 4-Bromofluorobenzene	12.63	95	14208	100.55	ug/l	0.00
Spiked Amount			Recovery	=	201.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	185	2.737	ug/l #	41
5) Bromomethane	2.79	94	1611	30.293	ug/l #	76
6) Chloroethane	2.81	64	67	1.451	ug/l #	40
10) Methyl Iodide	4.31	142	709	7.747	ug/l #	79
18) Methyl Acetate	4.67	43	72	2.095	ug/l #	41
27) cis-1,2-Dichloroethene	7.16	96	114	1.020	ug/l #	1
29) Tetrahydrofuran	7.59	42	62	6.494	ug/l #	26
36) 1,1-Dichloropropene	7.98	75	597	4.175	ug/l #	39
38) Carbon Tetrachloride	7.98	117	1127	6.166	ug/l #	13
39) Methylcyclohexane	9.35	83	379	2.535	ug/l #	22
41) Methacrylonitrile	7.53	41	140	6.157	ug/l #	37
43) Isopropyl Acetate	8.47	43	201	2.407	ug/l #	45
46) Dibromomethane	9.48	93	225	3.972	ug/l #	1
47) Bromodichloromethane	9.67	83	263	1.733	ug/l #	24
48) Methyl methacrylate	9.48	41	624	15.380	ug/l #	33
51) 4-Methyl-2-Pentanone	10.24	43	648	15.561	ug/l #	31
55) 1,1,2-Trichloroethane	10.79	97	1716	22.213	ug/l #	17
56) Ethyl methacrylate	10.67	69	654	8.163	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.01	63	58	1.411	ug/l #	40
59) 2-Hexanone	10.99	43	630	22.140	ug/l #	22
60) Dibromochloromethane	11.20	129	133	1.181	ug/l	64
61) 1,2-Dibromoethane	11.34	107	1402	18.409	ug/l	88
64) Tetrachloroethene	10.85	164	300	2.229	ug/l #	1
65) Chlorobenzene	11.67	112	402	1.128	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.85	131	600	4.237	ug/l	72
67) Ethyl Benzene	11.74	91	1049	1.718	ug/l	97
68) m/p-Xylenes	11.84	106	297	1.263	ug/l #	31
69) o-Xylene	12.15	106	689	3.164	ug/l	85
71) Bromoform	12.36	173	258	3.392	ug/l #	29
74) N-amyl acetate	12.31	43	514	4.911	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.73	83	603	5.679	ug/l #	14
76) 1,2,3-Trichloropropane	12.64	75	4981	65.817	ug/l #	100
78) n-propylbenzene	12.83	91	891	1.110	ug/l	84
79) 2-Chlorotoluene	12.91	91	1054	2.264	ug/l	80

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80) 1,3,5-Trimethylbenzene	12.96	105	1094	1.817	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.64	75	4981	149.254	ug/l #	22
82) 4-Chlorotoluene	13.01	91	496	1.004	ug/l	80
83) tert-Butylbenzene	13.18	119	665	1.307	ug/l	92
84) 1,2,4-Trimethylbenzene	13.27	105	803	1.349	ug/l	82
85) sec-Butylbenzene	13.33	105	1404	2.011	ug/l	87
88) 1,4-Dichlorobenzene	13.59	146	667	2.024	ug/l #	75
89) n-Butylbenzene	13.85	91	1585	2.735	ug/l	90
90) Hexachloroethane	14.11	117	396	3.444	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.28	75	55	2.851	ug/l #	1
95) Naphthalene	15.41	128	1049	3.262	ug/l #	26
96) 1,2,3-Trichlorobenzene	15.60	180	228	1.347	ug/l #	37

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

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