

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073828.D
 Acq On : 11 Jul 2022 17:41
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jul 12 07:09:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	101757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	226877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	208704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	89774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	84437	61.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.900%	
35) Dibromofluoromethane	7.909	113	80402	53.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.140%	
50) Toluene-d8	10.332	98	286348	54.714	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 109.420%	
62) 4-Bromofluorobenzene	12.620	95	101417	45.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 91.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	28385	49.184	ug/l	97
7) Trichlorofluoromethane	3.262	101	3028	2.093	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	4.079	101	2424	2.717	ug/l #	76
10) Methyl Iodide	4.291	142	1152	1.990	ug/l #	81
12) 1,1-Dichloroethene	4.062	96	1350	1.973	ug/l	89
20) Methylene Chloride	4.956	84	13436	5.968	ug/l	90
21) trans-1,2-Dichloroethene	5.462	96	1091	1.355	ug/l #	71
23) Vinyl Acetate	6.303	43	5550	3.000	ug/l #	87
25) 2-Butanone	7.214	43	1110	3.160	ug/l	90
26) 2,2-Dichloropropane	7.203	77	3265	1.743	ug/l #	77
27) cis-1,2-Dichloroethene	7.191	96	1371	1.186	ug/l	84
29) Tetrahydrofuran	7.556	42	975	4.660	ug/l #	52
30) Chloroform	7.703	83	3020	1.366	ug/l	84
32) 1,1,1-Trichloroethane	7.891	97	2643	1.429	ug/l #	40
36) 1,1-Dichloropropene	8.097	75	2394	1.576	ug/l #	78
38) Carbon Tetrachloride	8.079	117	2642	1.523	ug/l	91
39) Methylcyclohexane	9.344	83	2802	1.783	ug/l	90
40) Benzene	8.338	78	5156	1.140	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	2261	2.321	ug/l	92
52) Toluene	10.391	92	3336	1.099	ug/l	88
59) 2-Hexanone	10.967	43	1543	2.326	ug/l	96
64) Tetrachloroethene	10.873	164	1471	1.637	ug/l #	71
65) Chlorobenzene	11.655	112	4041	1.171	ug/l	88
67) Ethyl Benzene	11.732	91	7697	1.196	ug/l	96
68) m/p-Xylenes	11.844	106	5821	2.466	ug/l	89
69) o-Xylene	12.167	106	2402	1.026	ug/l	94
73) Isopropylbenzene	12.467	105	8798	1.434	ug/l	89
78) n-propylbenzene	12.802	91	10412	1.344	ug/l	97
79) 2-Chlorotoluene	12.891	91	4747	1.065	ug/l	94
80) 1,3,5-Trimethylbenzene	12.949	105	5764	1.127	ug/l	98
82) 4-Chlorotoluene	12.991	91	5151	1.105	ug/l	92
83) tert-Butylbenzene	13.208	119	6485	1.439	ug/l	97
85) sec-Butylbenzene	13.385	105	10733	1.532	ug/l	98
86) p-Isopropyltoluene	13.502	119	7364	1.305	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	2768	1.002	ug/l	97
89) n-Butylbenzene	13.826	91	8230	1.453	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.091	117	1339	1.226	ug/l	97
93) 1,2,4-Trichlorobenzene	15.132	180	1604	1.157	ug/l	90
94) Hexachlorobutadiene	15.232	225	1123	1.702	ug/l	93
95) Naphthalene	15.379	128	3979	1.314	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.567	180	1373	1.139	ug/l	89

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

