

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041124\
 Data File : VD078812.D
 Acq On : 11 Apr 2024 13:41
 Operator : RP/MD
 Sample : VIBLK185
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK185

Quant Time: Apr 12 07:17:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 12 07:08:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/L	-8.78
28) Chlorobenzene-d5	11.581	117	441	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.510	152	474	25.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.000%#
7) Chloroethane-d5	0.000	69	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.000%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.000%#
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.000%#
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.000%#
32) Benzene-d6	8.198	84	118	5.251	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	21.000%
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.000%#
41) Toluene-d8	10.269	98	486	22.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.000%#
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
56) 1,1,2,2-Tetrachloroeth...	12.657	84	241	39.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	158.080%#
66) 1,2-Dichlorobenzene-d4	13.510	152	474	29.320	ug/L	-0.31
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.280%
Target Compounds						
					Qvalue	
33) Benzene	8.251	78	736	29.434	ug/L	100
40) 4-Methyl-2-pentanone	10.169	43	143	48.829	ug/L #	1
42) Toluene	10.334	91	454	16.401	ug/L #	22
44) trans-1,3-Dichloropropene	10.557	75	419	48.553	ug/L	93
48) 2-Hexanone	10.928	43	228	98.921	ug/L #	54
49) Dibromochloromethane	11.069	129	178	27.456	ug/L #	9
50) 1,2-Dibromoethane	11.187	107	73	13.417	ug/L #	7
51) Chlorobenzene	11.598	112	464	24.852	ug/L	93
52) Ethylbenzene	11.675	91	875	30.063	ug/L #	43
53) m,p-Xylene	11.792	106	113	9.856	ug/L	84
54) o-Xylene	12.116	106	321	28.965	ug/L #	19
55) Styrene	12.139	104	1033	52.010	ug/L #	65
57) 1,1,2,2-Tetrachloroethane	12.669	83	123	19.031	ug/L #	26
60) Isopropylbenzene	12.434	105	164	2.734	ug/L #	54
61) 1,2,3-Trichloropropane	13.457	75	259	29.604	ug/L #	36
62) 1,3,5-Trimethylbenzene	12.898	105	786	21.616	ug/L #	84
63) 1,2,4-Trimethylbenzene	12.898	105	786	17.615	ug/L	88
64) 1,3-Dichlorobenzene	13.457	146	1237	41.435	ug/L	79
65) 1,4-Dichlorobenzene	13.539	146	1712	54.227	ug/L #	78

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	13.828	146	1357	48.251	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.586	180	1921	100.060	ug/L #	73
70) 1,2,4-trichlorobenzene	15.098	180	1700	105.001	ug/L #	89
71) Naphthalene	15.328	128	7065	224.819	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.510	180	1137	76.701	ug/L #	1

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

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