Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
Data File : BN036426.D
Acq On : 11 Feb 2025 16:40
Operator : RC/JU
Sample : Q1168-01
Misc : LOD-MDL-SOIL 0.2 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Quant Time: Feb 11 17:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2041	0.400	ng		0.00
7) Naphthalene-d8	10.551	136	5013	0.400	ng		# 0.01
13) Acenaphthene-d10	14.387	164	3247	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	7374	0.400	ng		0.00
29) Chrysene-d12	21.322	240	6547	0.400	ng		0.00
35) Perylene-d12	23.595	264	6542	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	1828	0.379	ng		0.00
5) Phenol-d6	6.930	99	2061	0.364	ng		0.00
8) Nitrobenzene-d5	8.907	82	1461	0.295	ng		0.00
11) 2-Methylnaphthalene-d10	12.141	152	4104	0.533	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	538	0.334	ng		0.01
15) 2-Fluorobiphenyl	13.019	172	3855	0.316	ng		0.00
27) Fluoranthene-d10	19.169	212	11035	0.538	ng		0.00
31) Terphenyl-d14	19.768	244	4669	0.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	472	0.211	ng		93
3) n-Nitrosodimethylamine	3.579	42	762	0.196	ng	#	93
6) bis(2-Chloroethyl)ether	7.175	93	1173	0.198	ng		94
9) Naphthalene	10.594	128	2756	0.191	ng	#	94
10) Hexachlorobutadiene	10.882	225	730	0.207	ng	#	97
12) 2-Methylnaphthalene	12.212	142	1862	0.196	ng		98
16) Acenaphthylene	14.110	152	2846	0.198	ng		99
17) Acenaphthene	14.452	154	1963	0.205	ng		97
18) Fluorene	15.446	166	2665	0.195	ng		98
20) 4,6-Dinitro-2-methylph...	15.535	198	198	0.137	ng	#	60
21) 4-Bromophenyl-phenylether	16.342	248	841	0.191	ng	#	81
22) Hexachlorobenzene	16.453	284	1075	0.198	ng		100
23) Atrazine	16.615	200	693	0.189	ng	#	93
24) Pentachlorophenol	16.801	266	445	0.173	ng		99
25) Phenanthrene	17.173	178	4134	0.194	ng		99
26) Anthracene	17.273	178	3729	0.198	ng		98
28) Fluoranthene	19.197	202	4877	0.186	ng		98
30) Pyrene	19.564	202	5008	0.199	ng		99
32) Benzo(a)anthracene	21.304	228	4294	0.199	ng		98
33) Chrysene	21.357	228	4673	0.200	ng		98
34) Bis(2-ethylhexyl)phtha...	21.241	149	2663	0.198	ng		99
36) Indeno(1,2,3-cd)pyrene	25.899	276	4838	0.212	ng		96
37) Benzo(b)fluoranthene	22.911	252	4584	0.213	ng	#	77
38) Benzo(k)fluoranthene	22.955	252	4741	0.214	ng	#	86
39) Benzo(a)pyrene	23.496	252	4040	0.215	ng	#	67
40) Dibenzo(a,h)anthracene	25.911	278	3688	0.204	ng	#	89
41) Benzo(g,h,i)perylene	26.598	276	4131	0.202	ng		95

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

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