Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029425.D
Acq On : 30 Jan 2024 23:08
Operator : MA/JU
Sample : 04699-01
Misc : LOD-MDL-SOIL-0.1NG
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 02:34:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3560	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	9444	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4356	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	8620	0.400	ng		0.00
29) Chrysene-d12	21.492	240	5958	0.400	ng	#	0.00
35) Perylene-d12	23.870	264	6501	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	2953	0.345	ng		0.00
5) Phenol-d6	7.067	99	3543	0.359	ng		0.00
8) Nitrobenzene-d5	9.067	82	2689	0.342	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	6931	0.539	ng		0.00
14) 2,4,6-Tribromophenol	16.039	330	456	0.326	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	6295	0.337	ng		-0.01
27) Fluoranthene-d10	19.322	212	12314	0.590	ng		0.00
31) Terphenyl-d14	19.931	244	4961	0.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	746	0.149	ng		91
3) n-Nitrosodimethylamine	3.723	42	327	0.080	ng	#	93
6) bis(2-Chloroethyl)ether	7.334	93	987	0.105	ng		92
9) Naphthalene	10.744	128	2607	0.097	ng		94
10) Hexachlorobutadiene	11.021	225	466	0.091	ng	#	97
12) 2-Methylnaphthalene	12.363	142	1510	0.096	ng		96
16) Acenaphthylene	14.254	152	2068	0.100	ng		99
17) Acenaphthene	14.597	154	1326	0.095	ng		98
18) Fluorene	15.592	166	1635	0.094	ng		97
20) 4,6-Dinitro-2-methylph...	15.679	198	73	0.058	ng	#	1
21) 4-Bromophenyl-phenylether	16.486	248	480	0.094	ng		93
22) Hexachlorobenzene	16.585	284	607	0.096	ng		98
23) Atrazine	16.771	200	338	0.093	ng	#	80
24) Pentachlorophenol	16.933	266	114	0.057	ng		92
25) Phenanthrene	17.330	178	2507	0.098	ng		99
26) Anthracene	17.429	178	2000	0.092	ng		99
28) Fluoranthene	19.355	202	2548	0.089	ng		99
30) Pyrene	19.717	202	2576	0.094	ng		98
32) Benzo(a)anthracene	21.474	228	1748	0.086	ng		96
33) Chrysene	21.528	228	2119	0.092	ng		96
34) Bis(2-ethylhexyl)phtha...	21.420	149	1485	0.107	ng		100
36) Indeno(1,2,3-cd)pyrene	26.341	276	2171m	0.083	ng		
37) Benzo(b)fluoranthene	23.148	252	1793	0.077	ng	#	67
38) Benzo(k)fluoranthene	23.201	252	1833	0.075	ng	#	48
39) Benzo(a)pyrene	23.765	252	1563m	0.077	ng		
40) Dibenzo(a,h)anthracene	26.373	278	1605m	0.077	ng		
41) Benzo(g,h,i)perylene	27.089	276	1905	0.075	ng	#	83

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

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