Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029415.D
Acq On : 30 Jan 2024 15:22
Operator : MA/JU
Sample : 03572-02
Misc : LOQ-MDL-SOIL-0.1NG
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 16:38:07 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 :
LOQ-SOIL-02-QT3-2023

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	3304	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	8962	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4092	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	7944	0.400	ng		0.00
29) Chrysene-d12	21.492	240	5578	0.400	ng	#	0.00
35) Perylene-d12	23.876	264	5513	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	2734	0.344	ng		0.00
5) Phenol-d6	7.067	99	3328	0.363	ng		0.00
8) Nitrobenzene-d5	9.068	82	2565	0.344	ng		0.00
11) 2-Methylnaphthalene-d10	12.291	152	6551	0.537	ng		0.00
14) 2,4,6-Tribromophenol	16.039	330	427	0.325	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	5880	0.335	ng		-0.01
27) Fluoranthene-d10	19.327	212	11371	0.591	ng		0.00
31) Terphenyl-d14	19.935	244	4615	0.333	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	607	0.130	ng		95
3) n-Nitrosodimethylamine	3.723	42	342	0.090	ng	#	84
6) bis(2-Chloroethyl)ether	7.342	93	802	0.092	ng		97
9) Naphthalene	10.744	128	2521	0.099	ng	#	93
10) Hexachlorobutadiene	11.021	225	448	0.093	ng	#	97
12) 2-Methylnaphthalene	12.363	142	1382	0.092	ng		96
16) Acenaphthylene	14.254	152	1935	0.100	ng		98
17) Acenaphthene	14.597	154	1232	0.094	ng		99
18) Fluorene	15.592	166	1545	0.094	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	64	0.055	ng	#	1
21) 4-Bromophenyl-phenylether	16.486	248	455	0.096	ng		95
22) Hexachlorobenzene	16.585	284	572	0.099	ng		99
23) Atrazine	16.771	200	313	0.093	ng	#	80
24) Pentachlorophenol	16.945	266	94	0.051	ng	#	79
25) Phenanthrene	17.330	178	2300	0.098	ng		97
26) Anthracene	17.429	178	1752	0.087	ng		98
28) Fluoranthene	19.359	202	2392	0.091	ng		99
30) Pyrene	19.722	202	2373	0.092	ng		99
32) Benzo(a)anthracene	21.474	228	1564	0.082	ng		95
33) Chrysene	21.528	228	1955	0.090	ng		96
34) Bis(2-ethylhexyl)phtha...	21.429	149	1304	0.100	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.341	276	1829m	0.083	ng		
37) Benzo(b)fluoranthene	23.154	252	1681	0.085	ng	#	64
38) Benzo(k)fluoranthene	23.204	252	1548	0.075	ng	#	59
39) Benzo(a)pyrene	23.774	252	1503m	0.087	ng		
40) Dibenzo(a,h)anthracene	26.376	278	1473m	0.083	ng		
41) Benzo(g,h,i)perylene	27.092	276	1693	0.079	ng	#	83

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

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