Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029442.D
Acq On : 31 Jan 2024 09:57
Operator : MA/JU
Sample : P1187-02
Misc : LOQ-SOIL-0.2NG
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 10:44:09 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-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
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	3888	0.400	ng		0.00
7) Naphthalene-d8	10.701	136	10257	0.400	ng		# 0.00
13) Acenaphthene-d10	14.532	164	4539	0.400	ng		-0.01
19) Phenanthrene-d10	17.293	188	8712	0.400	ng		# 0.00
29) Chrysene-d12	21.492	240	5818	0.400	ng		# 0.00
35) Perylene-d12	23.873	264	6095	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3321	0.356	ng		0.00
5) Phenol-d6	7.060	99	4000	0.371	ng		0.00
8) Nitrobenzene-d5	9.057	82	2946	0.345	ng		-0.01
11) 2-Methylnaphthalene-d10	12.287	152	7350	0.526	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	484	0.332	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	6821	0.350	ng		-0.01
27) Fluoranthene-d10	19.322	212	11356	0.538	ng		0.00
31) Terphenyl-d14	19.931	244	4877	0.338	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1012	0.185	ng		93
3) n-Nitrosodimethylamine	3.716	42	676	0.152	ng	#	95
6) bis(2-Chloroethyl)ether	7.334	93	1797	0.175	ng		99
9) Naphthalene	10.744	128	5262	0.180	ng		98
10) Hexachlorobutadiene	11.021	225	1012	0.183	ng	#	97
12) 2-Methylnaphthalene	12.363	142	2977	0.173	ng		98
16) Acenaphthylene	14.255	152	4059	0.188	ng		99
17) Acenaphthene	14.597	154	2589	0.179	ng		99
18) Fluorene	15.580	166	3146	0.173	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	235	0.184	ng		85
21) 4-Bromophenyl-phenylether	16.486	248	885	0.171	ng	#	85
22) Hexachlorobenzene	16.585	284	1154	0.181	ng		99
23) Atrazine	16.759	200	675	0.183	ng	#	89
24) Pentachlorophenol	16.933	266	352	0.175	ng		91
25) Phenanthrene	17.330	178	4587	0.178	ng		99
26) Anthracene	17.417	178	3793	0.173	ng		98
28) Fluoranthene	19.355	202	4775	0.165	ng		100
30) Pyrene	19.717	202	4870	0.182	ng		100
32) Benzo(a)anthracene	21.474	228	3416	0.172	ng		99
33) Chrysene	21.528	228	3988	0.177	ng		97
34) Bis(2-ethylhexyl)phtha...	21.420	149	2473	0.183	ng		98
36) Indeno(1,2,3-cd)pyrene	26.338	276	3826	0.156	ng		97
37) Benzo(b)fluoranthene	23.151	252	3428	0.157	ng	#	89
38) Benzo(k)fluoranthene	23.201	252	3790m	0.166	ng		
39) Benzo(a)pyrene	23.768	252	3078m	0.162	ng		
40) Dibenzo(a,h)anthracene	26.367	278	3163m	0.162	ng		
41) Benzo(g,h,i)perylene	27.089	276	3593	0.151	ng		93

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

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