Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090524\
Data File : BN033767.D
Acq On : 05 Sep 2024 14:10
Operator : MA/JU
Sample : P2403-02
Misc : LOQ-SOIL-0.1ng
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 05 15:00:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	6430	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	16657	0.400	ng		0.00
13) Acenaphthene-d10	14.146	164	7715	0.400	ng		-0.01
19) Phenanthrene-d10	16.905	188	15410	0.400	ng		0.00
29) Chrysene-d12	21.113	240	12004	0.400	ng		0.00
35) Perylene-d12	23.271	264	12321	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	5021	0.255	ng		0.00
5) Phenol-d6	6.707	99	6245	0.268	ng		0.00
8) Nitrobenzene-d5	8.649	82	4214	0.297	ng		0.00
11) 2-Methylnaphthalene-d10	11.873	152	10685	0.454	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	940	0.241	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	9700	0.302	ng		0.00
27) Fluoranthene-d10	18.947	212	17962	0.472	ng		0.00
31) Terphenyl-d14	19.560	244	7814	0.305	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	918m	0.125	ng		
3) n-Nitrosodimethylamine	3.464	42	1068	0.124	ng	#	91
6) bis(2-Chloroethyl)ether	6.953	93	2211	0.126	ng		99
9) Naphthalene	10.325	128	5207	0.117	ng		96
10) Hexachlorobutadiene	10.613	225	1065	0.115	ng	#	98
12) 2-Methylnaphthalene	11.945	142	3146	0.115	ng		98
16) Acenaphthylene	13.868	152	3657	0.110	ng		99
17) Acenaphthene	14.210	154	2626	0.115	ng		99
18) Fluorene	15.204	166	3187	0.113	ng		100
20) 4,6-Dinitro-2-methylph...	15.301	198	200	0.082	ng	#	63
21) 4-Bromophenyl-phenylether	16.110	248	985	0.110	ng		99
22) Hexachlorobenzene	16.209	284	1160	0.113	ng		99
23) Atrazine	16.396	200	756	0.106	ng		94
24) Pentachlorophenol	16.569	266	440	0.105	ng		92
25) Phenanthrene	16.942	178	4869	0.115	ng		99
26) Anthracene	17.029	178	4124	0.112	ng		99
28) Fluoranthene	18.975	202	5314	0.112	ng		100
30) Pyrene	19.342	202	5330	0.110	ng		100
32) Benzo(a)anthracene	21.104	228	4813	0.112	ng		96
33) Chrysene	21.148	228	4883	0.115	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	3460	0.148	ng		100
36) Indeno(1,2,3-cd)pyrene	25.402	276	6007	0.118	ng		97
37) Benzo(b)fluoranthene	22.633	252	5080	0.112	ng	#	80
38) Benzo(k)fluoranthene	22.674	252	5346	0.121	ng	#	74
39) Benzo(a)pyrene	23.177	252	4398	0.116	ng	#	75
40) Dibenzo(a,h)anthracene	25.420	278	4773	0.117	ng	#	90
41) Benzo(g,h,i)perylene	26.048	276	5021	0.113	ng		94

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

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