Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033776.D
Acq On : 06 Sep 2024 11:09
Operator : MA/JU
Sample : P2403-03
Misc : MDL-MDL-SOIL-0.1ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 12:28:39 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

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	8537	0.400	ng		0.00
7) Naphthalene-d8	10.271	136	22246	0.400	ng		# 0.00
13) Acenaphthene-d10	14.146	164	10295	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	20726	0.400	ng		# 0.00
29) Chrysene-d12	21.112	240	16130	0.400	ng		# 0.00
35) Perylene-d12	23.268	264	17039	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	6571	0.251	ng		0.00
5) Phenol-d6	6.707	99	8364	0.270	ng		0.00
8) Nitrobenzene-d5	8.649	82	5743	0.303	ng		0.00
11) 2-Methylnaphthalene-d10	11.869	152	14332	0.456	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	1260	0.242	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	12995	0.303	ng		0.00
27) Fluoranthene-d10	18.942	212	24475	0.479	ng		0.00
31) Terphenyl-d14	19.560	244	10578	0.308	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	1093m	0.113	ng		
3) n-Nitrosodimethylamine	3.471	42	1264	0.111	ng		98
6) bis(2-Chloroethyl)ether	6.953	93	2987	0.128	ng		99
9) Naphthalene	10.325	128	7044	0.119	ng		98
10) Hexachlorobutadiene	10.613	225	1441	0.116	ng	#	98
12) 2-Methylnaphthalene	11.945	142	4216	0.116	ng		99
16) Acenaphthylene	13.868	152	4980	0.112	ng		100
17) Acenaphthene	14.210	154	3487	0.114	ng		99
18) Fluorene	15.204	166	4228	0.112	ng		100
20) 4,6-Dinitro-2-methylph...	15.300	198	277	0.085	ng	#	58
21) 4-Bromophenyl-phenylether	16.110	248	1329	0.111	ng		94
22) Hexachlorobenzene	16.209	284	1533	0.111	ng		97
23) Atrazine	16.383	200	1029	0.107	ng	#	88
24) Pentachlorophenol	16.557	266	587	0.104	ng		99
25) Phenanthrene	16.942	178	6704	0.117	ng		99
26) Anthracene	17.028	178	5619	0.113	ng		99
28) Fluoranthene	18.975	202	7188	0.112	ng		100
30) Pyrene	19.337	202	7283	0.112	ng		100
32) Benzo(a)anthracene	21.094	228	6433	0.112	ng		98
33) Chrysene	21.148	228	6729	0.118	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	4464	0.142	ng		99
36) Indeno(1,2,3-cd)pyrene	25.399	276	8558	0.122	ng		98
37) Benzo(b)fluoranthene	22.630	252	6949	0.111	ng	#	92
38) Benzo(k)fluoranthene	22.671	252	7442	0.122	ng	#	83
39) Benzo(a)pyrene	23.174	252	5670	0.108	ng	#	88
40) Dibenzo(a,h)anthracene	25.414	278	6707	0.119	ng		96
41) Benzo(g,h,i)perylene	26.045	276	6982	0.114	ng		97

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

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