Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
Data File : BN037681.D
Acq On : 10 Sep 2025 13:33
Operator : RC/JU
Sample : Q2893-01
Misc : LOD-MDL-SOIL 0.2 ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Quant Time: Sep 10 16:31:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 02:02:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	4449	0.400	ng		0.00
7) Naphthalene-d8	10.647	136	12167	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	5851	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	10382	0.400	ng		#-0.01
29) Chrysene-d12	21.420	240	8186	0.400	ng		0.00
35) Perylene-d12	23.753	264	8437	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3412	0.300	ng		0.00
5) Phenol-d6	6.995	99	4420	0.309	ng		0.00
8) Nitrobenzene-d5	8.993	82	3127	0.417	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	6836	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	469	0.288	ng		0.00
15) 2-Fluorobiphenyl	13.126	172	9241	0.402	ng		0.00
27) Fluoranthene-d10	19.271	212	10709	0.400	ng		0.00
31) Terphenyl-d14	19.870	244	6905	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1062	0.220	ng		96
3) n-Nitrosodimethylamine	3.615	42	1263	0.208	ng		94
6) bis(2-Chloroethyl)ether	7.262	93	2535	0.209	ng		99
9) Naphthalene	10.701	128	6606	0.200	ng		98
10) Hexachlorobutadiene	11.000	225	1232	0.211	ng	#	99
12) 2-Methylnaphthalene	12.319	142	3735	0.175	ng		98
16) Acenaphthylene	14.216	152	5748	0.210	ng		99
17) Acenaphthene	14.558	154	3471	0.198	ng		97
18) Fluorene	15.547	166	4123	0.192	ng		97
20) 4,6-Dinitro-2-methylph...	15.609	198	127	0.220	ng	#	77
21) 4-Bromophenyl-phenylether	16.441	248	1368	0.201	ng		99
22) Hexachlorobenzene	16.553	284	1564	0.218	ng		97
23) Atrazine	16.702	200	802	0.189	ng		96
24) Pentachlorophenol	16.888	266	419	0.174	ng		94
25) Phenanthrene	17.285	178	6388	0.201	ng		99
26) Anthracene	17.372	178	5755	0.196	ng		99
28) Fluoranthene	19.303	202	6550	0.184	ng		99
30) Pyrene	19.661	202	6531	0.200	ng		99
32) Benzo(a)anthracene	21.402	228	5766	0.197	ng		99
33) Chrysene	21.456	228	6144	0.207	ng		98
34) Bis(2-ethylhexyl)phtha...	21.357	149	1705	0.210	ng		97
36) Indeno(1,2,3-cd)pyrene	26.145	276	6578	0.206	ng		98
37) Benzo(b)fluoranthene	23.048	252	6091	0.196	ng	#	89
38) Benzo(k)fluoranthene	23.095	252	6476	0.211	ng	#	88
39) Benzo(a)pyrene	23.654	252	5371	0.207	ng	#	89
40) Dibenzo(a,h)anthracene	26.168	278	4888	0.203	ng	#	90
41) Benzo(g,h,i)perylene	26.870	276	5875	0.203	ng		95

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

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