Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
Data File : BN037685.D
Acq On : 10 Sep 2025 15:58
Operator : RC/JU
Sample : Q2893-01
Misc : LOD-MDL-SOIL 0.1 ng
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 10 16:28:35 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	7.840	152	4461	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	11884	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	5554	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	10108	0.400	ng		#-0.01
29) Chrysene-d12	21.420	240	7981	0.400	ng		0.00
35) Perylene-d12	23.750	264	7935	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3213	0.281	ng		0.00
5) Phenol-d6	6.988	99	4153	0.289	ng		0.00
8) Nitrobenzene-d5	8.993	82	3087	0.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	6493	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	430	0.278	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	8697	0.398	ng		-0.01
27) Fluoranthene-d10	19.271	212	10512	0.403	ng		0.00
31) Terphenyl-d14	19.870	244	6512	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	594	0.123	ng		94
3) n-Nitrosodimethylamine	3.615	42	684	0.112	ng	#	89
6) bis(2-Chloroethyl)ether	7.262	93	1281	0.106	ng		99
9) Naphthalene	10.701	128	3362	0.104	ng	#	94
10) Hexachlorobutadiene	11.000	225	639	0.112	ng	#	98
12) 2-Methylnaphthalene	12.314	142	1864	0.089	ng		97
16) Acenaphthylene	14.216	152	2863	0.110	ng		100
17) Acenaphthene	14.559	154	1699	0.102	ng		94
18) Fluorene	15.535	166	2078	0.102	ng		98
20) 4,6-Dinitro-2-methylph...	15.609	198	66	0.117	ng	#	27
21) 4-Bromophenyl-phenylether	16.441	248	658	0.099	ng		98
22) Hexachlorobenzene	16.553	284	792	0.113	ng		96
23) Atrazine	16.702	200	403	0.097	ng		90
24) Pentachlorophenol	16.900	266	174	0.074	ng		94
25) Phenanthrene	17.285	178	3265	0.106	ng		99
26) Anthracene	17.372	178	2874	0.100	ng		98
28) Fluoranthene	19.299	202	3346	0.096	ng		99
30) Pyrene	19.661	202	3273	0.103	ng		100
32) Benzo(a)anthracene	21.402	228	2888	0.101	ng		95
33) Chrysene	21.456	228	3155	0.109	ng		96
34) Bis(2-ethylhexyl)phtha...	21.348	149	936	0.118	ng		98
36) Indeno(1,2,3-cd)pyrene	26.139	276	3144	0.105	ng		98
37) Benzo(b)fluoranthene	23.046	252	3056	0.104	ng	#	78
38) Benzo(k)fluoranthene	23.092	252	3067	0.106	ng	#	75
39) Benzo(a)pyrene	23.648	252	2629	0.108	ng	#	68
40) Dibenzo(a,h)anthracene	26.168	278	2390	0.106	ng	#	69
41) Benzo(g,h,i)perylene	26.864	276	2852	0.105	ng	#	88

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

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