Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143106.D
Acq On : 16 Jul 2025 11:03
Operator : RC/JU
Sample : Q2126-02
Misc : LOQ-SOIL-5 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Quant Time: Jul 16 11:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	139692	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	535119	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	271528	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	447459	20.000	ng		0.00
76) Chrysene-d12	14.127	240	246073	20.000	ng		0.00
86) Perylene-d12	15.633	264	228451	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	928379	105.001	ng		0.00
7) Phenol-d6	6.586	99	1211194	108.980	ng		0.00
23) Nitrobenzene-d5	7.522	82	743447	77.938	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	295303	121.971	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1373769	67.254	ng		0.00
79) Terphenyl-d14	13.074	244	1239839	73.653	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	18223	4.140	ng		98
3) Pyridine	3.622	79	44754	4.016	ng		99
6) Aniline	6.628	93	66701	4.262	ng		100
8) 2-Chlorophenol	6.751	128	39964	4.499	ng	#	77
10) Phenol	6.598	94	56148	4.667	ng	#	70
11) bis(2-Chloroethyl)ether	6.698	93	42161	4.527	ng		98
12) 1,3-Dichlorobenzene	6.910	146	44541	4.438	ng		97
13) 1,4-Dichlorobenzene	6.986	146	45900	4.546	ng		98
14) 1,2-Dichlorobenzene	7.139	146	43341	4.501	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	76514	4.456	ng		99
17) 2-Methylphenol	7.198	107	32164	4.196	ng		99
18) Hexachloroethane	7.486	117	14302	4.351	ng		95
19) n-Nitroso-di-n-propyla...	7.363	70	29599	4.347	ng		96
22) Acetophenone	7.363	105	61373	4.758	ng		96
24) Nitrobenzene	7.539	77	44943	4.881	ng		98
25) Isophorone	7.775	82	78369	4.251	ng		99
26) 2-Nitrophenol	7.857	139	10829	6.632	ng		93
27) 2,4-Dimethylphenol	7.886	122	38965	4.553	ng		98
28) bis(2-Chloroethoxy)met...	7.986	93	49313	4.411	ng		99
29) 2,4-Dichlorophenol	8.092	162	30427	4.346	ng		97
30) 1,2,4-Trichlorobenzene	8.186	180	35788	4.504	ng		98
31) Naphthalene	8.269	128	123448	4.646	ng		99
33) 4-Chloroaniline	8.304	127	47562	4.451	ng		98
34) Hexachlorobutadiene	8.392	225	21602	4.546	ng		99
36) 4-Chloro-3-methylphenol	8.775	107	31615	4.054	ng		97
37) 2-Methylnaphthalene	8.957	142	70322	4.436	ng		98
38) 1-Methylnaphthalene	9.057	142	76800	4.671	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	35811	4.526	ng		99
43) 2,4,6-Trichlorophenol	9.227	196	19355	3.937	ng		100
44) 2,4,5-Trichlorophenol	9.263	196	21667	4.203	ng		95
46) 1,1'-Biphenyl	9.422	154	99227	4.582	ng		99
47) 2-Chloronaphthalene	9.445	162	69925	4.396	ng		99
48) 2-Nitroaniline	9.527	65	14656	6.057	ng		92
49) Acenaphthylene	9.863	152	114541	4.321	ng		99
50) Dimethylphthalate	9.710	163	75767	4.435	ng		100
51) 2,6-Dinitrotoluene	9.769	165	11308	5.951	ng		96

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52) Acenaphthene	10.033	154	70783	4.525	ng		99
53) 3-Nitroaniline	9.933	138	14132	3.829	ng	#	97
55) Dibenzofuran	10.204	168	104992	4.503	ng		98
57) 2,4-Dinitrotoluene	10.169	165	11723	5.983	ng		90
58) Fluorene	10.551	166	81661	4.672	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	16586	4.048	ng	#	97
60) Diethylphthalate	10.416	149	71366	4.330	ng		98
61) 4-Chlorophenyl-phenyle...	10.539	204	37948	4.529	ng		97
62) 4-Nitroaniline	10.539	138	12081	3.764	ng		90
63) Azobenzene	10.698	77	78222	4.292	ng		98
66) n-Nitrosodiphenylamine	10.657	169	67021	4.264	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	21198	4.166	ng		99
68) Hexachlorobenzene	11.104	284	23014	4.262	ng		96
69) Atrazine	11.174	200	16252	4.042	ng		99
71) Phenanthrene	11.510	178	109934	4.552	ng		99
72) Anthracene	11.563	178	104712	4.312	ng		100
73) Carbazole	11.710	167	93729	4.308	ng		99
74) Di-n-butylphthalate	12.051	149	74312	3.721	ng		100
75) Fluoranthene	12.704	202	94213	4.291	ng		98
78) Pyrene	12.927	202	98267	4.304	ng		100
80) Butylbenzylphthalate	13.545	149	11729	5.786	ng		97
81) Benzo(a)anthracene	14.115	228	65576	3.999	ng		99
83) Chrysene	14.151	228	64956	4.301	ng		100
84) Bis(2-ethylhexyl)phtha...	14.110	149	15610	5.507	ng		95
87) Indeno(1,2,3-cd)pyrene	17.168	276	65618	3.862	ng		98
88) Benzo(b)fluoranthene	15.186	252	45693	3.467	ng		99
89) Benzo(k)fluoranthene	15.215	252	54039	4.299	ng		98
90) Benzo(a)pyrene	15.568	252	44161	3.543	ng		98
91) Dibenzo(a,h)anthracene	17.186	278	54423	3.918	ng		98
92) Benzo(g,h,i)perylene	17.627	276	54953	3.881	ng		99

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

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