Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
Data File : BF143644.D
Acq On : 04 Sep 2025 15:12
Operator : RC/JU
Sample : Q2893-01
Misc : LOD-MDL-SOIL 8PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 04 15:56:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	73564	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	279439	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	158599	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	245179	20.000	ng		0.00
76) Chrysene-d12	14.045	240	158553	20.000	ng		0.00
86) Perylene-d12	15.521	264	161401	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	513459	123.651	ng		0.00
7) Phenol-d6	6.510	99	638639	123.915	ng		0.00
23) Nitrobenzene-d5	7.451	82	392708	98.773	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	189146	142.618	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	849482	85.573	ng		0.00
79) Terphenyl-d14	12.998	244	809902	85.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	14703	7.505	ng		96
3) Pyridine	3.469	79	36141	6.963	ng		97
4) n-Nitrosodimethylamine	3.369	42	15944	7.396	ng		98
6) Aniline	6.551	93	56691	7.902	ng		97
8) 2-Chlorophenol	6.675	128	35012	8.142	ng		93
9) Benzaldehyde	6.439	77	28341	7.401	ng		98
10) Phenol	6.522	94	44709m	7.912	ng		
11) bis(2-Chloroethyl)ether	6.622	93	34242	7.738	ng		97
12) 1,3-Dichlorobenzene	6.834	146	42109	7.934	ng		98
13) 1,4-Dichlorobenzene	6.910	146	42692	8.020	ng		99
14) 1,2-Dichlorobenzene	7.057	146	40251	7.990	ng		98
15) Benzyl Alcohol	7.022	79	30417	7.767	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	50578	7.262	ng		99
17) 2-Methylphenol	7.128	107	28158	7.489	ng		98
18) Hexachloroethane	7.404	117	13275	7.994	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	26027	7.930	ng		98
20) 3+4-Methylphenols	7.281	107	37681	7.961	ng		97
22) Acetophenone	7.292	105	51598	8.165	ng	#	96
24) Nitrobenzene	7.469	77	36755	8.646	ng		100
25) Isophorone	7.704	82	67890	7.578	ng		98
26) 2-Nitrophenol	7.786	139	14470	12.048	ng		94
27) 2,4-Dimethylphenol	7.810	122	34881	8.942	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	42900	7.832	ng		98
29) 2,4-Dichlorophenol	8.016	162	30126	7.870	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	34391	8.244	ng		98
31) Naphthalene	8.192	128	108303	7.924	ng		98
32) Benzoic acid	7.863	122	10584	11.286	ng		97
33) 4-Chloroaniline	8.233	127	41829	8.838	ng		99
34) Hexachlorobutadiene	8.310	225	20963	7.726	ng		97
35) Caprolactam	8.563	113	7300	7.117	ng	#	85
36) 4-Chloro-3-methylphenol	8.704	107	30377	7.579	ng		95
37) 2-Methylnaphthalene	8.880	142	64521	6.979	ng		98
38) 1-Methylnaphthalene	8.980	142	67849	7.676	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	35413	8.079	ng		99
41) Hexachlorocyclopentadiene	9.039	237	20202	9.491	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	20868	7.727	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	24122	8.652	ng		96
46) 1,1'-Biphenyl	9.345	154	91587	8.120	ng		98
47) 2-Chloronaphthalene	9.369	162	70755	8.016	ng		98
48) 2-Nitroaniline	9.457	65	16507	9.613	ng		96
49) Acenaphthylene	9.786	152	110009	8.647	ng		99
50) Dimethylphthalate	9.639	163	77868	7.754	ng		100
51) 2,6-Dinitrotoluene	9.698	165	14070	10.886	ng		96
52) Acenaphthene	9.957	154	65794	7.732	ng		99
53) 3-Nitroaniline	9.869	138	14790	9.866	ng		96
54) 2,4-Dinitrophenol	9.969	184	3366	11.993	ng	#	1
55) Dibenzofuran	10.127	168	97925	7.921	ng		99
56) 4-Nitrophenol	10.010	139	9985	6.706	ng		95
57) 2,4-Dinitrotoluene	10.098	165	16181	9.885	ng		96
58) Fluorene	10.474	166	75857	7.932	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	19026	8.986	ng		98
60) Diethylphthalate	10.339	149	71317	7.480	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	38293	8.025	ng		100
62) 4-Nitroaniline	10.474	138	12370	8.713	ng		97
63) Azobenzene	10.627	77	67850	7.550	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	5589	12.956	ng		94
66) n-Nitrosodiphenylamine	10.580	169	63793	8.061	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	22804	8.020	ng		97
68) Hexachlorobenzene	11.016	284	23942	8.016	ng		96
69) Atrazine	11.104	200	17639	7.456	ng		99
70) Pentachlorophenol	11.210	266	11894	7.089	ng		99
71) Phenanthrene	11.433	178	106663	8.045	ng		98
72) Anthracene	11.486	178	108636	8.170	ng		99
73) Carbazole	11.639	167	85014	7.585	ng		98
74) Di-n-butylphthalate	11.974	149	93434	7.425	ng		99
75) Fluoranthene	12.621	202	93928	7.714	ng		99
77) Benzidine	12.739	184	40399	11.137	ng		96
78) Pyrene	12.851	202	94970	7.259	ng		99
80) Butylbenzylphthalate	13.468	149	24474	8.767	ng		95
81) Benzo(a)anthracene	14.039	228	79844	7.775	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	22369	7.990	ng		99
83) Chrysene	14.074	228	67553	7.318	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	39769	9.283	ng		100
85) Di-n-octyl phthalate	14.645	149	63348	6.734	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.003	276	82910	7.369	ng		98
88) Benzo(b)fluoranthene	15.086	252	73725	7.582	ng		100
89) Benzo(k)fluoranthene	15.115	252	59939	7.127	ng		98
90) Benzo(a)pyrene	15.457	252	63916	7.646	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	68331	7.383	ng		98
92) Benzo(g,h,i)perylene	17.450	276	67506	7.572	ng		99

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

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