Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
Data File : BF143695.D
Acq On : 10 Sep 2025 10:49
Operator : RC/JU
Sample : Q2893-03
Misc : MDL-SOIL 8 PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 10 11:39:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	46667	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	185966	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	108417	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	188935	20.000	ng	0.00
76) Chrysene-d12	14.045	240	113275	20.000	ng	0.00
86) Perylene-d12	15.521	264	109238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	376112	137.506	ng	0.00
7) Phenol-d6	6.510	99	467398	140.342	ng	0.00
23) Nitrobenzene-d5	7.451	82	292911	97.971	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	154871	141.745	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	668279	93.114	ng	0.00
79) Terphenyl-d14	12.998	244	726514	103.936	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	10823	8.871	ng	99
3) Pyridine	3.469	79	25493	8.088	ng	99
4) n-Nitrosodimethylamine	3.369	42	10662	8.906	ng	88
6) Aniline	6.551	93	39122	8.869	ng	99
8) 2-Chlorophenol	6.675	128	24897	8.428	ng	95
9) Benzaldehyde	6.440	77	21249	7.908	ng	99
10) Phenol	6.522	94	32138m	8.730	ng	
11) bis(2-Chloroethyl)ether	6.622	93	23650	8.601	ng	99
12) 1,3-Dichlorobenzene	6.828	146	31078	9.199	ng	98
13) 1,4-Dichlorobenzene	6.904	146	30746	9.016	ng	99
14) 1,2-Dichlorobenzene	7.057	146	29393	9.127	ng	98
15) Benzyl Alcohol	7.022	79	20729	8.557	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	29904	8.313	ng	96
17) 2-Methylphenol	7.122	107	21030	8.849	ng	98
18) Hexachloroethane	7.404	117	9666	8.775	ng	93
19) n-Nitroso-di-n-propyla...	7.293	70	18427	9.009	ng	98
20) 3+4-Methylphenols	7.281	107	26963	8.616	ng	92
22) Acetophenone	7.293	105	36505	8.692	ng	98
24) Nitrobenzene	7.463	77	26487	8.544	ng	96
25) Isophorone	7.698	82	49235	8.588	ng	99
26) 2-Nitrophenol	7.781	139	12269	8.049	ng	99
27) 2,4-Dimethylphenol	7.810	122	24980	9.129	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	29620	8.407	ng	100
29) 2,4-Dichlorophenol	8.016	162	22292	8.099	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	24480	8.585	ng	95
31) Naphthalene	8.192	128	76476	8.307	ng	99
32) Benzoic acid	7.857	122	9531	5.709	ng	98
33) 4-Chloroaniline	8.234	127	30083	9.387	ng	97
34) Hexachlorobutadiene	8.310	225	15448	8.306	ng	99
35) Caprolactam	8.563	113	6241	8.519	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	22903	8.439	ng	100
37) 2-Methylnaphthalene	8.881	142	47537	7.543	ng	99
38) 1-Methylnaphthalene	8.981	142	49374	8.164	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	26214	8.446	ng	100
41) Hexachlorocyclopentadiene	9.034	237	15600	9.790	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	16535	7.978	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	18207	8.641	ng		98
46) 1,1'-Biphenyl	9.345	154	67860	8.694	ng		98
47) 2-Chloronaphthalene	9.369	162	51735	8.455	ng		99
48) 2-Nitroaniline	9.457	65	12815	7.914	ng		98
49) Acenaphthylene	9.787	152	82512	9.414	ng		99
50) Dimethylphthalate	9.639	163	60594	8.590	ng		99
51) 2,6-Dinitrotoluene	9.698	165	11899	8.823	ng		96
52) Acenaphthene	9.957	154	49150	8.138	ng		99
53) 3-Nitroaniline	9.863	138	13060	8.998	ng		93
54) 2,4-Dinitrophenol	9.969	184	3830	10.504	ng	#	1
55) Dibenzofuran	10.128	168	74930	8.627	ng		98
56) 4-Nitrophenol	10.010	139	8668	7.507	ng		96
57) 2,4-Dinitrotoluene	10.098	165	15255	8.311	ng		94
58) Fluorene	10.469	166	60102	8.840	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	15204	8.899	ng		98
60) Diethylphthalate	10.339	149	58604	8.849	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	29822	8.649	ng		99
62) 4-Nitroaniline	10.475	138	12114	8.812	ng		92
63) Azobenzene	10.628	77	51374	8.775	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	6044	6.283	ng		97
66) n-Nitrosodiphenylamine	10.581	169	50786	8.205	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	17856	7.837	ng		97
68) Hexachlorobenzene	11.016	284	20042	8.331	ng		99
69) Atrazine	11.098	200	15568	8.022	ng		98
70) Pentachlorophenol	11.210	266	9547	6.565	ng		93
71) Phenanthrene	11.433	178	86267	8.287	ng		99
72) Anthracene	11.486	178	90288	8.626	ng		100
73) Carbazole	11.633	167	73209	8.540	ng		99
74) Di-n-butylphthalate	11.969	149	87363	8.465	ng		99
75) Fluoranthene	12.622	202	80614	8.435	ng		100
77) Benzidine	12.739	184	30711	8.314	ng		96
78) Pyrene	12.851	202	79743	8.805	ng		99
80) Butylbenzylphthalate	13.469	149	21968	7.742	ng		98
81) Benzo(a)anthracene	14.033	228	59383	8.149	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	18005	8.031	ng		99
83) Chrysene	14.069	228	54745	8.202	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	31195	7.705	ng		99
85) Di-n-octyl phthalate	14.639	149	47696	6.574	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	55057	7.385	ng		99
88) Benzo(b)fluoranthene	15.086	252	52032	8.002	ng		98
89) Benzo(k)fluoranthene	15.110	252	48056m	8.188	ng		
90) Benzo(a)pyrene	15.457	252	48001	8.402	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	45805	7.405	ng		98
92) Benzo(g,h,i)perylene	17.445	276	43841	7.578	ng		97

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

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