Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143151.D
Acq On : 17 Jul 2025 16:36
Operator : RC/JU
Sample : Q2126-03
Misc : MDL-SOIL-8PPM
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 17 16:53:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	154997	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	587487	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	305985	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	502822	20.000	ng		0.00
76) Chrysene-d12	14.116	240	300380	20.000	ng		0.00
86) Perylene-d12	15.621	264	307175	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1069276	109.169	ng		0.00
7) Phenol-d6	6.587	99	1384725	112.320	ng		0.00
23) Nitrobenzene-d5	7.516	82	907139	76.969	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	384774	121.725	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1635298	73.091	ng		0.00
79) Terphenyl-d14	13.069	244	1521252	75.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	33532	7.235	ng		97
3) Pyridine	3.610	79	86964	7.229	ng		99
4) n-Nitrosodimethylamine	3.504	42	45753	7.367	ng	#	98
6) Aniline	6.622	93	130123	7.573	ng		100
8) 2-Chlorophenol	6.751	128	78579	7.654	ng		97
9) Benzaldehyde	6.510	77	72152	7.805	ng		99
10) Phenol	6.598	94	99252m	7.390	ng		
11) bis(2-Chloroethyl)ether	6.692	93	79868	7.767	ng		99
12) 1,3-Dichlorobenzene	6.904	146	87134	7.813	ng		99
13) 1,4-Dichlorobenzene	6.981	146	90595	8.066	ng		98
14) 1,2-Dichlorobenzene	7.134	146	85263	7.981	ng		99
15) Benzyl Alcohol	7.087	79	72125	7.662	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	151618	7.948	ng		99
17) 2-Methylphenol	7.198	107	66605	7.716	ng		98
18) Hexachloroethane	7.481	117	30200	7.767	ng		99
19) n-Nitroso-di-n-propyla...	7.363	70	62094	7.851	ng		96
20) 3+4-Methylphenols	7.351	107	86355	8.245	ng	#	88
22) Acetophenone	7.357	105	118546	8.523	ng		98
24) Nitrobenzene	7.534	77	88252	8.032	ng		99
25) Isophorone	7.769	82	164247	7.894	ng		100
26) 2-Nitrophenol	7.851	139	35893	7.527	ng		99
27) 2,4-Dimethylphenol	7.881	122	72125	7.420	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	100149	8.028	ng		99
29) 2,4-Dichlorophenol	8.086	162	64179	7.829	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	71627	8.088	ng		98
31) Naphthalene	8.263	128	239079	8.263	ng		98
32) Benzoic acid	7.928	122	24045	9.096	ng		96
33) 4-Chloroaniline	8.304	127	94071	7.963	ng		99
34) Hexachlorobutadiene	8.386	225	43149	7.976	ng		99
35) Caprolactam	8.628	113	18120	7.315	ng		97
36) 4-Chloro-3-methylphenol	8.769	107	70290	7.889	ng		98
37) 2-Methylnaphthalene	8.951	142	146198	8.304	ng		99
38) 1-Methylnaphthalene	9.051	142	150221	8.286	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	73643	8.336	ng		99
41) Hexachlorocyclopentadiene	9.116	237	32137	5.591	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	45767	7.486	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	49577	8.106	ng		99
46) 1,1'-Biphenyl	9.416	154	202912	8.500	ng		99
47) 2-Chloronaphthalene	9.439	162	145627	8.244	ng		99
48) 2-Nitroaniline	9.522	65	41425	7.478	ng		93
49) Acenaphthylene	9.857	152	243708	8.233	ng		99
50) Dimethylphthalate	9.704	163	165299	8.288	ng		99
51) 2,6-Dinitrotoluene	9.763	165	31049	7.652	ng		94
52) Acenaphthene	10.028	154	145018	8.288	ng		100
53) 3-Nitroaniline	9.933	138	35772	7.538	ng		96
54) 2,4-Dinitrophenol	10.033	184	7416	10.361	ng	#	1
55) Dibenzofuran	10.198	168	215648	8.302	ng		99
56) 4-Nitrophenol	10.075	139	25291	7.137	ng		99
57) 2,4-Dinitrotoluene	10.163	165	39370	7.734	ng		100
58) Fluorene	10.545	166	168095	8.622	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	40754	8.044	ng		98
60) Diethylphthalate	10.410	149	158560	8.043	ng		100
61) 4-Chlorophenyl-phenyle...	10.533	204	80551	8.298	ng		98
62) 4-Nitroaniline	10.539	138	31964	7.859	ng		97
63) Azobenzene	10.698	77	166946	8.125	ng		100
65) 4,6-Dinitro-2-methylph...	10.575	198	13436	9.935	ng		96
66) n-Nitrosodiphenylamine	10.651	169	142051	8.023	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	47760	7.970	ng		96
68) Hexachlorobenzene	11.092	284	49825	7.955	ng		98
69) Atrazine	11.169	200	37459	7.674	ng		98
70) Pentachlorophenol	11.280	266	24928	6.768	ng		98
71) Phenanthrene	11.504	178	221308	8.289	ng		99
72) Anthracene	11.557	178	219064	8.045	ng		99
73) Carbazole	11.704	167	194052	8.162	ng		99
74) Di-n-butylphthalate	12.039	149	210820	7.836	ng		99
75) Fluoranthene	12.692	202	202300	8.255	ng		99
77) Benzidine	12.804	184	82554	7.133	ng		97
78) Pyrene	12.921	202	203242	7.928	ng		100
80) Butylbenzylphthalate	13.539	149	53651	6.834	ng		98
81) Benzo(a)anthracene	14.110	228	158193	7.866	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	48451	7.229	ng		99
83) Chrysene	14.145	228	136415	7.545	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	83220	7.004	ng		99
85) Di-n-octyl phthalate	14.715	149	139958	6.498	ng		100
87) Indeno(1,2,3-cd)pyrene	17.145	276	164329	7.587	ng		99
88) Benzo(b)fluoranthene	15.174	252	139123	7.414	ng		99
89) Benzo(k)fluoranthene	15.204	252	139146	8.309	ng		99
90) Benzo(a)pyrene	15.551	252	131757	7.621	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	133923	7.596	ng		99
92) Benzo(g,h,i)perylene	17.604	276	127643	7.485	ng		100

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

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