Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143150.D
Acq On : 17 Jul 2025 16:06
Operator : RC/JU
Sample : Q2126-03
Misc : MDL-SOIL-4PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 17 16:27:17 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	167080	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	651651	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	336879	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	558964	20.000	ng		0.00
76) Chrysene-d12	14.116	240	326988	20.000	ng		0.00
86) Perylene-d12	15.621	264	339766	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1149663	108.888	ng		0.00
7) Phenol-d6	6.587	99	1515292	114.022	ng		0.00
23) Nitrobenzene-d5	7.522	82	1004740	76.856	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	425588	122.290	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1782658	72.370	ng		0.00
79) Terphenyl-d14	13.069	244	1678718	76.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	19601	3.923	ng		96
3) Pyridine	3.634	79	47191	3.639	ng		96
4) n-Nitrosodimethylamine	3.505	42	24803	3.705	ng	#	98
6) Aniline	6.622	93	73943	3.992	ng		99
8) 2-Chlorophenol	6.751	128	45447	4.106	ng		93
9) Benzaldehyde	6.510	77	40553	4.069	ng		98
10) Phenol	6.598	94	55799m	3.854	ng		
11) bis(2-Chloroethyl)ether	6.693	93	45610	4.115	ng		99
12) 1,3-Dichlorobenzene	6.904	146	49679	4.132	ng		99
13) 1,4-Dichlorobenzene	6.981	146	51142	4.224	ng		98
14) 1,2-Dichlorobenzene	7.134	146	48507	4.212	ng		98
15) Benzyl Alcohol	7.087	79	40367	3.978	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	85252	4.146	ng		100
17) 2-Methylphenol	7.198	107	37302	4.009	ng		98
18) Hexachloroethane	7.481	117	17119	4.084	ng		96
19) n-Nitroso-di-n-propyla...	7.363	70	35523	4.166	ng		97
20) 3+4-Methylphenols	7.345	107	48034	4.255	ng		92
22) Acetophenone	7.357	105	67564	4.379	ng		99
24) Nitrobenzene	7.534	77	52847	4.336	ng		97
25) Isophorone	7.769	82	92001	3.987	ng		99
26) 2-Nitrophenol	7.851	139	19421	3.672	ng		99
27) 2,4-Dimethylphenol	7.881	122	43616	4.045	ng		96
28) bis(2-Chloroethoxy)met...	7.981	93	57877	4.183	ng		98
29) 2,4-Dichlorophenol	8.087	162	35123	3.863	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	39714	4.043	ng		97
31) Naphthalene	8.263	128	137551	4.286	ng		99
32) Benzoic acid	7.916	122	9695	6.602	ng		97
33) 4-Chloroaniline	8.304	127	53216	4.061	ng		99
34) Hexachlorobutadiene	8.387	225	24628	4.104	ng		98
35) Caprolactam	8.622	113	9269	3.373	ng		89
36) 4-Chloro-3-methylphenol	8.769	107	38127	3.858	ng		98
37) 2-Methylnaphthalene	8.951	142	82374	4.218	ng		100
38) 1-Methylnaphthalene	9.051	142	86248	4.289	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	41855	4.303	ng		99
41) Hexachlorocyclopentadiene	9.110	237	17354	2.742	ng		97
43) 2,4,6-Trichlorophenol	9.222	196	25133	3.734	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	26934	4.000	ng		96
46) 1,1'-Biphenyl	9.416	154	113521	4.319	ng		100
47) 2-Chloronaphthalene	9.439	162	82013	4.217	ng		98
48) 2-Nitroaniline	9.522	65	22033	3.613	ng		92
49) Acenaphthylene	9.857	152	136662	4.193	ng		99
50) Dimethylphthalate	9.704	163	92752	4.224	ng		99
51) 2,6-Dinitrotoluene	9.763	165	16278	3.644	ng		89
52) Acenaphthene	10.028	154	81414	4.226	ng		97
53) 3-Nitroaniline	9.928	138	20216	3.869	ng		98
54) 2,4-Dinitrophenol	10.033	184	3275	8.147	ng	#	1
55) Dibenzofuran	10.198	168	123516	4.319	ng		98
56) 4-Nitrophenol	10.075	139	12824	3.287	ng		97
57) 2,4-Dinitrotoluene	10.163	165	19421	3.465	ng		93
58) Fluorene	10.539	166	94464	4.401	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.310	232	21716	3.893	ng		98
60) Diethylphthalate	10.410	149	88350	4.071	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	45082	4.218	ng		99
62) 4-Nitroaniline	10.533	138	16508	3.686	ng		95
63) Azobenzene	10.692	77	92702	4.098	ng		98
65) 4,6-Dinitro-2-methylph...	10.575	198	5914	7.203	ng		95
66) n-Nitrosodiphenylamine	10.645	169	81042	4.117	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	26687	4.006	ng		97
68) Hexachlorobenzene	11.092	284	28171	4.046	ng		99
69) Atrazine	11.169	200	20747	3.823	ng		96
70) Pentachlorophenol	11.280	266	12826	3.132	ng		100
71) Phenanthrene	11.504	178	126593	4.265	ng		99
72) Anthracene	11.557	178	124949	4.128	ng		99
73) Carbazole	11.704	167	110748	4.190	ng		98
74) Di-n-butylphthalate	12.039	149	112945	3.777	ng		100
75) Fluoranthene	12.692	202	111442	4.091	ng		99
77) Benzidine	12.804	184	41914	3.327	ng		99
78) Pyrene	12.922	202	114207	4.092	ng		98
80) Butylbenzylphthalate	13.533	149	26666	3.120	ng		99
81) Benzo(a)anthracene	14.110	228	90220	4.121	ng		97
82) 3,3'-Dichlorobenzidine	14.063	252	24852	3.406	ng		99
83) Chrysene	14.145	228	75056	3.813	ng		98
84) Bis(2-ethylhexyl)phtha...	14.098	149	42441	3.281	ng		99
85) Di-n-octyl phthalate	14.710	149	68887	2.938	ng		97
87) Indeno(1,2,3-cd)pyrene	17.145	276	87778	3.664	ng		99
88) Benzo(b)fluoranthene	15.174	252	76657	3.693	ng		99
89) Benzo(k)fluoranthene	15.204	252	73738	3.981	ng		100
90) Benzo(a)pyrene	15.551	252	70582	3.691	ng		98
91) Dibenzo(a,h)anthracene	17.162	278	71409	3.662	ng		98
92) Benzo(g,h,i)perylene	17.604	276	69195	3.668	ng		99

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

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