Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143818.D
Acq On : 25 Sep 2025 22:20
Operator : RC/JU
Sample : Q3178-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EME-TS14-01MSD

Quant Time: Sep 25 23:26:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	126353	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	459229	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	224210	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	355718	20.000	ng		0.00
76) Chrysene-d12	14.063	240	435935	20.000	ng		0.00
86) Perylene-d12	15.533	264	434629	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	685500	88.144	ng		0.00
7) Phenol-d6	6.504	99	833354	92.741	ng		0.00
23) Nitrobenzene-d5	7.445	82	492420	65.636	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	267172	80.479	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	745279	51.871	ng		0.00
79) Terphenyl-d14	12.998	244	1139227	53.148	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	170432	45.786	ng		99
3) Pyridine	3.463	79	462364	46.016	ng		95
4) n-Nitrosodimethylamine	3.410	42	255853	50.782	ng		92
6) Aniline	6.546	93	368587	28.262	ng		100
8) 2-Chlorophenol	6.669	128	387841	48.714	ng		99
9) Benzaldehyde	6.434	77	252391	32.074	ng		97
10) Phenol	6.522	94	527651	50.519	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	393866	48.107	ng		99
12) 1,3-Dichlorobenzene	6.828	146	438833	47.473	ng		99
13) 1,4-Dichlorobenzene	6.904	146	442997	48.021	ng		99
14) 1,2-Dichlorobenzene	7.057	146	424914	48.633	ng		100
15) Benzyl Alcohol	7.022	79	355202	54.707	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	873470	44.991	ng		98
17) 2-Methylphenol	7.134	107	309721	50.248	ng		99
18) Hexachloroethane	7.398	117	149269	46.010	ng		97
19) n-Nitroso-di-n-propyla...	7.293	70	281772	48.763	ng		97
20) 3+4-Methylphenols	7.287	107	378153	50.378	ng	#	76
22) Acetophenone	7.293	105	557233	55.246	ng		100
24) Nitrobenzene	7.463	77	434021	52.193	ng		98
25) Isophorone	7.704	82	762138	52.131	ng		100
26) 2-Nitrophenol	7.781	139	194055	56.341	ng		97
27) 2,4-Dimethylphenol	7.816	122	369228	56.505	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	462198	48.661	ng		99
29) 2,4-Dichlorophenol	8.022	162	320002	49.770	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	340385	51.013	ng		99
31) Naphthalene	8.192	128	1051563	47.833	ng		100
32) Benzoic acid	7.916	122	230335	73.059	ng		95
33) 4-Chloroaniline	8.234	127	145520	18.836	ng		99
34) Hexachlorobutadiene	8.310	225	237191	47.684	ng		99
35) Caprolactam	8.598	113	102749	62.522	ng		93
36) 4-Chloro-3-methylphenol	8.710	107	313113	51.924	ng		98
37) 2-Methylnaphthalene	8.881	142	621572	44.341	ng		100
38) 1-Methylnaphthalene	8.981	142	632349	47.129	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	356539	52.694	ng		100
41) Hexachlorocyclopentadiene	9.034	237	367206	85.631	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	226360	53.427	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	224962	50.763	ng		99
46) 1,1'-Biphenyl	9.345	154	873337	53.810	ng		99
47) 2-Chloronaphthalene	9.369	162	627741	48.050	ng		99
48) 2-Nitroaniline	9.463	65	244411	61.899	ng		99
49) Acenaphthylene	9.787	152	1003047	55.772	ng		100
50) Dimethylphthalate	9.645	163	727859	53.262	ng		100
51) 2,6-Dinitrotoluene	9.704	165	152551	67.944	ng		97
52) Acenaphthene	9.957	154	574079	48.506	ng		100
53) 3-Nitroaniline	9.869	138	107230	39.401	ng		99
54) 2,4-Dinitrophenol	9.975	184	58390	67.109	ng	#	76
55) Dibenzofuran	10.134	168	814738	48.682	ng		99
56) 4-Nitrophenol	10.028	139	252644	115.199	ng		91
57) 2,4-Dinitrotoluene	10.110	165	198890	58.969	ng		95
58) Fluorene	10.475	166	609725	49.006	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	224793	59.212	ng		97
60) Diethylphthalate	10.345	149	663203	51.844	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	309245	48.780	ng		96
62) 4-Nitroaniline	10.486	138	135264	52.859	ng		98
63) Azobenzene	10.628	77	686022	50.885	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	49470	40.135	ng		95
66) n-Nitrosodiphenylamine	10.581	169	580810	49.648	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	297735	49.115	ng		97
68) Hexachlorobenzene	11.022	284	408424	48.889	ng		99
69) Atrazine	11.110	200	182138	53.765	ng		99
70) Pentachlorophenol	11.216	266	477417	114.806	ng		100
71) Phenanthrene	11.439	178	901235	49.349	ng		100
72) Anthracene	11.492	178	918987	50.167	ng		99
73) Carbazole	11.645	167	832102	51.953	ng		100
74) Di-n-butylphthalate	11.975	149	972765	52.810	ng		100
75) Fluoranthene	12.628	202	1038840	56.557	ng		99
77) Benzidine	12.751	184	423409	39.859	ng		100
78) Pyrene	12.857	202	1076385	50.222	ng		99
80) Butylbenzylphthalate	13.475	149	431860	58.241	ng		98
81) Benzo(a)anthracene	14.051	228	1197901	51.150	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	415267	40.930	ng		99
83) Chrysene	14.086	228	1056176	49.840	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	541890	49.858	ng		100
85) Di-n-octyl phthalate	14.651	149	957368	48.560	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1231964	37.358	ng		99
88) Benzo(b)fluoranthene	15.104	252	1498147	67.687	ng		99
89) Benzo(k)fluoranthene	15.133	252	1149445	51.691	ng		100
90) Benzo(a)pyrene	15.474	252	1167187	56.101	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	1002210	37.157	ng		99
92) Benzo(g,h,i)perylene	17.486	276	972031	37.385	ng		99

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

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