Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144354.D
Acq On : 25 Nov 2025 17:14
Operator : RC/JU
Sample : Q3700-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

Quant Time: Nov 25 17:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	51254	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	175810	20.000	ng		#-0.01
39) Acenaphthene-d10	9.904	164	91917	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	143744	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	124635	20.000	ng		0.00
86) Perylene-d12	15.521	264	173017	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	188353	57.507	ng		0.00
7) Phenol-d6	6.498	99	148789	40.092	ng		0.00
23) Nitrobenzene-d5	7.428	82	265823	87.325	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	82491	71.517	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	508224	81.662	ng		0.00
79) Terphenyl-d14	12.980	244	555825	70.837	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	33599	24.813	ng		96
3) Pyridine	3.440	79	75959	20.107	ng		97
4) n-Nitrosodimethylamine	3.352	42	47005	23.820	ng		88
6) Aniline	6.528	93	77802	14.714	ng		96
8) 2-Chlorophenol	6.651	128	113706	35.400	ng		98
9) Benzaldehyde	6.416	77	38791	18.511	ng		99
10) Phenol	6.510	94	93653	20.655	ng		97
11) bis(2-Chloroethyl)ether	6.593	93	123594	37.408	ng		96
12) 1,3-Dichlorobenzene	6.804	146	125843	31.750	ng		97
13) 1,4-Dichlorobenzene	6.881	146	129228	32.544	ng		99
14) 1,2-Dichlorobenzene	7.034	146	125683	33.022	ng		97
15) Benzyl Alcohol	7.010	79	94289	32.086	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	230645	37.909	ng		90
17) 2-Methylphenol	7.122	107	82022	32.099	ng		95
18) Hexachloroethane	7.369	117	40480	30.684	ng		94
19) n-Nitroso-di-n-propyla...	7.269	70	99924	40.901	ng		99
20) 3+4-Methylphenols	7.275	107	91374	30.334	ng	#	85
22) Acetophenone	7.269	105	165763	43.951	ng		97
24) Nitrobenzene	7.445	77	138005	41.755	ng		96
25) Isophorone	7.681	82	240199	41.716	ng		100
26) 2-Nitrophenol	7.763	139	70128	42.863	ng		97
27) 2,4-Dimethylphenol	7.798	122	106874	43.582	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	151091	42.021	ng		97
29) 2,4-Dichlorophenol	8.004	162	94665	33.493	ng		96
30) 1,2,4-Trichlorobenzene	8.087	180	90297	31.112	ng		99
31) Naphthalene	8.169	128	326436	39.033	ng		99
32) Benzoic acid	8.104	122	82204m	45.732	ng		
33) 4-Chloroaniline	8.222	127	21686	7.110	ng		97
34) Hexachlorobutadiene	8.281	225	74677	34.141	ng		98
35) Caprolactam	8.657	113	14525m	18.758	ng		
36) 4-Chloro-3-methylphenol	8.698	107	86994	34.344	ng		98
37) 2-Methylnaphthalene	8.857	142	205714	36.790	ng		100
38) 1-Methylnaphthalene	8.957	142	205986	38.179	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	124813	41.433	ng		100
41) Hexachlorocyclopentadiene	9.010	237	46514	47.724	ng		95
43) 2,4,6-Trichlorophenol	9.139	196	70532	34.401	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	83869	37.954	ng		97
46) 1,1'-Biphenyl	9.322	154	274352	42.760	ng		100
47) 2-Chloronaphthalene	9.345	162	227971	41.654	ng		98
48) 2-Nitroaniline	9.445	65	65944	41.759	ng		95
49) Acenaphthylene	9.763	152	349921	46.918	ng		99
50) Dimethylphthalate	9.622	163	255876	42.020	ng		99
51) 2,6-Dinitrotoluene	9.686	165	54274	44.029	ng		95
52) Acenaphthene	9.933	154	188774	37.850	ng		99
53) 3-Nitroaniline	9.857	138	18673	13.858	ng		99
54) 2,4-Dinitrophenol	9.975	184	59954	80.545	ng		92
55) Dibenzofuran	10.110	168	273768	39.193	ng		99
56) 4-Nitrophenol	10.033	139	36308	37.249	ng		92
57) 2,4-Dinitrotoluene	10.092	165	68990	41.808	ng	#	94
58) Fluorene	10.457	166	218454	41.134	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	41952	26.833	ng	#	96
60) Diethylphthalate	10.328	149	224882	40.061	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	118206	39.074	ng		98
62) 4-Nitroaniline	10.475	138	34849	27.157	ng		94
63) Azobenzene	10.604	77	227078	43.466	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	39092	40.032	ng		94
66) n-Nitrosodiphenylamine	10.563	169	206497	44.666	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	75310	41.046	ng		96
68) Hexachlorobenzene	11.004	284	90529	41.890	ng		96
69) Atrazine	11.104	200	13226	8.996	ng		91
70) Pentachlorophenol	11.210	266	96674	89.834	ng		98
71) Phenanthrene	11.422	178	313760	43.841	ng		99
72) Anthracene	11.469	178	323975	44.519	ng		99
73) Carbazole	11.627	167	279982	45.245	ng		99
74) Di-n-butylphthalate	11.951	149	220457	29.470	ng		99
75) Fluoranthene	12.610	202	327261	44.266	ng		99
77) Benzidine	12.739	184	72474	19.659	ng	#	8
78) Pyrene	12.845	202	351378	34.966	ng		100
80) Butylbenzylphthalate	13.457	149	151760	43.572	ng		96
81) Benzo(a)anthracene	14.033	228	386391	44.731	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	64882	21.913	ng		96
83) Chrysene	14.068	228	358358	44.940	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	225556	47.307	ng		98
85) Di-n-octyl phthalate	14.627	149	409424	49.770	ng	#	96
87) Indeno(1,2,3-cd)pyrene	17.027	276	510265	41.085	ng		98
88) Benzo(b)fluoranthene	15.086	252	438017	44.530	ng		99
89) Benzo(k)fluoranthene	15.115	252	377856	41.041	ng		99
90) Benzo(a)pyrene	15.463	252	397725	43.829	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	416098	41.716	ng		99
92) Benzo(g,h,i)perylene	17.480	276	414029	42.034	ng		99

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

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