Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143325.D
Acq On : 06 Aug 2025 12:34
Operator : RC/JU
Sample : PB169119BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169119BS

Quant Time: Aug 06 12:52:15 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	105954	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	373007	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	195947	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	319800	20.000	ng		0.00
76) Chrysene-d12	14.127	240	209994	20.000	ng		0.00
86) Perylene-d12	15.639	264	204050	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	767836	114.679	ng		0.02
7) Phenol-d6	6.598	99	940221	111.565	ng		0.01
23) Nitrobenzene-d5	7.522	82	668712	89.364	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	281155	138.894	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1126518	78.626	ng		0.00
79) Terphenyl-d14	13.069	244	1085056	76.892	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	111403	35.163	ng		100
3) Pyridine	3.652	79	288603	35.097	ng		98
4) n-Nitrosodimethylamine	3.593	42	161018	37.926	ng		99
6) Aniline	6.622	93	278455	23.708	ng	#	82
8) 2-Chlorophenol	6.751	128	266344	37.950	ng		98
9) Benzaldehyde	6.510	77	168014	26.587	ng		99
10) Phenol	6.610	94	347440	37.844	ng		88
11) bis(2-Chloroethyl)ether	6.693	93	259902	36.973	ng		99
12) 1,3-Dichlorobenzene	6.904	146	281173	36.880	ng		99
13) 1,4-Dichlorobenzene	6.981	146	326463	42.520	ng		99
14) 1,2-Dichlorobenzene	7.134	146	281208	38.508	ng		99
15) Benzyl Alcohol	7.098	79	245701	38.183	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	529216	40.584	ng		96
17) 2-Methylphenol	7.210	107	244285	41.397	ng		100
18) Hexachloroethane	7.475	117	116651	43.887	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	203294	37.599	ng		100
20) 3+4-Methylphenols	7.363	107	269592	37.655	ng	#	74
22) Acetophenone	7.363	105	364661	41.293	ng		95
24) Nitrobenzene	7.540	77	326396	46.785	ng		99
25) Isophorone	7.781	82	566676	42.898	ng		98
26) 2-Nitrophenol	7.857	139	150160	49.594	ng		99
27) 2,4-Dimethylphenol	7.892	122	244344	39.590	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	322333	40.697	ng		99
29) 2,4-Dichlorophenol	8.098	162	216028	41.505	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	237139	42.172	ng		99
31) Naphthalene	8.263	128	824028	44.857	ng		100
32) Benzoic acid	8.004	122	130137	38.572	ng		99
33) 4-Chloroaniline	8.304	127	96813	12.907	ng		98
34) Hexachlorobutadiene	8.387	225	152346	44.351	ng		99
35) Caprolactam	8.675	113	75106	47.752	ng		97
36) 4-Chloro-3-methylphenol	8.792	107	254328	44.956	ng		99
37) 2-Methylnaphthalene	8.957	142	479108	42.860	ng		99
38) 1-Methylnaphthalene	9.057	142	546344	47.462	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	265649	46.958	ng		99
41) Hexachlorocyclopentadiene	9.116	237	285256	77.495	ng		100
43) 2,4,6-Trichlorophenol	9.234	196	170460	43.537	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	168054	42.910	ng		98
46) 1,1'-Biphenyl	9.422	154	645987	42.255	ng		100
47) 2-Chloronaphthalene	9.445	162	469415	41.498	ng		100
48) 2-Nitroaniline	9.534	65	160171	45.152	ng		98
49) Acenaphthylene	9.863	152	813101	42.892	ng		100
50) Dimethylphthalate	9.716	163	563326	44.105	ng		100
51) 2,6-Dinitrotoluene	9.775	165	133953	51.555	ng		98
52) Acenaphthene	10.033	154	514926	45.958	ng		97
53) 3-Nitroaniline	9.945	138	73799	24.283	ng		96
54) 2,4-Dinitrophenol	10.051	184	103570	87.288	ng	#	1
55) Dibenzofuran	10.204	168	701795	42.188	ng		99
56) 4-Nitrophenol	10.110	139	152100	67.021	ng		97
57) 2,4-Dinitrotoluene	10.181	165	164390	50.429	ng		95
58) Fluorene	10.551	166	518926	41.564	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	133209	41.060	ng		99
60) Diethylphthalate	10.416	149	542507	42.973	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	266425	42.856	ng		100
62) 4-Nitroaniline	10.557	138	105992	40.693	ng		99
63) Azobenzene	10.698	77	623545	47.392	ng		100
65) 4,6-Dinitro-2-methylph...	10.592	198	77862	46.619	ng		98
66) n-Nitrosodiphenylamine	10.657	169	521370	46.298	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	181258	47.560	ng		99
68) Hexachlorobenzene	11.104	284	185818	46.647	ng		98
69) Atrazine	11.180	200	159947	51.520	ng		99
70) Pentachlorophenol	11.292	266	170667	72.854	ng		98
71) Phenanthrene	11.516	178	689384	40.599	ng		100
72) Anthracene	11.563	178	713488	41.199	ng		100
73) Carbazole	11.716	167	612657	40.514	ng		100
74) Di-n-butylphthalate	12.039	149	816595	47.724	ng		100
75) Fluoranthene	12.704	202	690788	44.322	ng		99
77) Benzidine	12.816	184	178963	22.120	ng		98
78) Pyrene	12.933	202	685174	38.231	ng		99
80) Butylbenzylphthalate	13.539	149	314092	57.233	ng		99
81) Benzo(a)anthracene	14.121	228	582200	41.411	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	93473	19.948	ng		100
83) Chrysene	14.157	228	503673	39.846	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	370122	44.558	ng		100
85) Di-n-octyl phthalate	14.716	149	590558	39.223	ng		98
87) Indeno(1,2,3-cd)pyrene	17.186	276	570002	39.616	ng		99
88) Benzo(b)fluoranthene	15.192	252	644581	51.709	ng		98
89) Benzo(k)fluoranthene	15.221	252	514609	46.263	ng		99
90) Benzo(a)pyrene	15.574	252	544087	47.373	ng		99
91) Dibenzo(a,h)anthracene	17.204	278	455905	38.929	ng		98
92) Benzo(g,h,i)perylene	17.651	276	455970	40.250	ng		99

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

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