Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
Data File : BF143163.D
Acq On : 18 Jul 2025 13:22
Operator : RC/JU
Sample : PB168904BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168904BSD

Quant Time: Jul 18 13:45:00 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	134233	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	524933	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	272308	20.000	ng		0.00
64) Phenanthrene-d10	11.481	188	443930	20.000	ng		0.00
76) Chrysene-d12	14.122	240	252328	20.000	ng		0.00
86) Perylene-d12	15.621	264	280075	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	689324	81.264	ng		0.00
7) Phenol-d6	6.581	99	877854	82.220	ng		0.00
23) Nitrobenzene-d5	7.516	82	849641	80.681	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	234514	83.365	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1490518	74.859	ng		0.00
79) Terphenyl-d14	13.063	244	1322859	78.016	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	148250	36.936	ng		100
3) Pyridine	3.652	79	404777	38.854	ng		98
4) n-Nitrosodimethylamine	3.593	42	232460	43.218	ng		98
6) Aniline	6.622	93	509293	34.226	ng		99
8) 2-Chlorophenol	6.746	128	391235	44.001	ng		98
9) Benzaldehyde	6.510	77	279137	34.866	ng		97
10) Phenol	6.593	94	507550m	43.636	ng		
11) bis(2-Chloroethyl)ether	6.693	93	390023	43.795	ng		98
12) 1,3-Dichlorobenzene	6.904	146	405894	42.023	ng		99
13) 1,4-Dichlorobenzene	6.981	146	412718	42.430	ng		99
14) 1,2-Dichlorobenzene	7.134	146	399171	43.146	ng		99
15) Benzyl Alcohol	7.098	79	358599	43.987	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	724154	43.834	ng		100
17) 2-Methylphenol	7.204	107	329392	44.059	ng		98
18) Hexachloroethane	7.481	117	148035	43.962	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	295904	43.198	ng		99
20) 3+4-Methylphenols	7.357	107	408476	45.033	ng	#	88
22) Acetophenone	7.363	105	535066	43.054	ng		97
24) Nitrobenzene	7.540	77	436819	44.491	ng		100
25) Isophorone	7.775	82	817053	43.950	ng		100
26) 2-Nitrophenol	7.857	139	203332	47.719	ng		99
27) 2,4-Dimethylphenol	7.887	122	385257	44.356	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	488053	43.786	ng		99
29) 2,4-Dichlorophenol	8.092	162	323576	44.175	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	336097	42.472	ng		99
31) Naphthalene	8.263	128	1127603m	43.617	ng		
32) Benzoic acid	7.993	122	227846m	46.723	ng		
33) 4-Chloroaniline	8.304	127	205458	19.464	ng		99
34) Hexachlorobutadiene	8.387	225	210749	43.596	ng		100
35) Caprolactam	8.669	113	106998m	48.340	ng		
36) 4-Chloro-3-methylphenol	8.781	107	358475	45.026	ng		100
37) 2-Methylnaphthalene	8.957	142	682326	43.373	ng		100
38) 1-Methylnaphthalene	9.057	142	711574	43.926	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	331686	42.189	ng		99
41) Hexachlorocyclopentadiene	9.116	237	447550	87.490	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	234546	43.107	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	250713	46.064	ng		99
46) 1,1'-Biphenyl	9.422	154	926298	43.600	ng		100
47) 2-Chloronaphthalene	9.445	162	673620	42.851	ng		100
48) 2-Nitroaniline	9.528	65	233503	47.366	ng		97
49) Acenaphthylene	9.863	152	1146165	43.507	ng		100
50) Dimethylphthalate	9.716	163	798798	45.003	ng		99
51) 2,6-Dinitrotoluene	9.775	165	175169	48.512	ng		99
52) Acenaphthene	10.034	154	731488	46.978	ng		98
53) 3-Nitroaniline	9.939	138	125947	29.821	ng		99
54) 2,4-Dinitrophenol	10.045	184	155426	93.727	ng	#	2
55) Dibenzofuran	10.204	168	1001067	43.303	ng		99
56) 4-Nitrophenol	10.092	139	292549	92.760	ng		98
57) 2,4-Dinitrotoluene	10.175	165	229791	50.725	ng		99
58) Fluorene	10.545	166	747135	43.062	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	211171	46.838	ng		99
60) Diethylphthalate	10.416	149	799680	45.581	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	377435	43.688	ng		99
62) 4-Nitroaniline	10.557	138	164448	45.431	ng		99
63) Azobenzene	10.698	77	823357	45.030	ng		100
65) 4,6-Dinitro-2-methylph...	10.586	198	102823	44.613	ng		97
66) n-Nitrosodiphenylamine	10.651	169	682448	43.657	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	231921	43.838	ng		100
68) Hexachlorobenzene	11.098	284	246065	44.499	ng		99
69) Atrazine	11.175	200	202166	46.910	ng		99
70) Pentachlorophenol	11.286	266	291731	89.711	ng		99
71) Phenanthrene	11.510	178	1035532	43.932	ng		100
72) Anthracene	11.563	178	1037171	43.143	ng		99
73) Carbazole	11.710	167	926315	44.128	ng		100
74) Di-n-butylphthalate	12.039	149	1092806	46.009	ng		100
75) Fluoranthene	12.698	202	973043	44.975	ng		100
77) Benzidine	12.810	184	403621	41.518	ng		99
78) Pyrene	12.927	202	946188	43.938	ng		100
80) Butylbenzylphthalate	13.539	149	312264	47.354	ng		100
81) Benzo(a)anthracene	14.110	228	749253	44.352	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	140515	24.957	ng		99
83) Chrysene	14.145	228	699428	46.049	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	469258	47.015	ng		100
85) Di-n-octyl phthalate	14.716	149	827899	45.761	ng		100
87) Indeno(1,2,3-cd)pyrene	17.157	276	877169	44.416	ng		100
88) Benzo(b)fluoranthene	15.174	252	774966	45.293	ng		99
89) Benzo(k)fluoranthene	15.210	252	707707	46.352	ng		99
90) Benzo(a)pyrene	15.557	252	716468	45.449	ng		99
91) Dibenzo(a,h)anthracene	17.174	278	715895	44.536	ng		100
92) Benzo(g,h,i)perylene	17.621	276	692338	44.525	ng		99

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

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