Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142909.D
Acq On : 30 Jun 2025 10:43
Operator : RC/JU
Sample : PB168560BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168560BS

Quant Time: Jun 30 11:39:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	69732	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	266111	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	138084	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	228948	20.000	ng		0.00
76) Chrysene-d12	14.057	240	142160	20.000	ng		0.00
86) Perylene-d12	15.551	264	156905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	509129	121.560	ng		0.01
7) Phenol-d6	6.510	99	596444	120.704	ng		0.00
23) Nitrobenzene-d5	7.445	82	369644	76.191	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	185249	130.367	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	810606	77.118	ng		0.00
79) Terphenyl-d14	12.998	244	759450	73.814	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	58454	34.893	ng		99
3) Pyridine	3.481	79	160208	38.147	ng		98
4) n-Nitrosodimethylamine	3.434	42	87549	40.313	ng		98
6) Aniline	6.540	93	209554	31.872	ng	#	86
8) 2-Chlorophenol	6.663	128	192771	42.668	ng		98
9) Benzaldehyde	6.428	77	77547	26.452	ng		98
10) Phenol	6.528	94	222876	40.577	ng		86
11) bis(2-Chloroethyl)ether	6.610	93	164618	41.933	ng		98
12) 1,3-Dichlorobenzene	6.816	146	212477	42.051	ng		100
13) 1,4-Dichlorobenzene	6.892	146	214844	42.144	ng		99
14) 1,2-Dichlorobenzene	7.045	146	205105	42.418	ng		99
15) Benzyl Alcohol	7.022	79	153756	43.041	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	251255	39.836	ng		93
17) 2-Methylphenol	7.134	107	142834	41.718	ng		98
18) Hexachloroethane	7.387	117	76215	42.743	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	121656	42.331	ng		97
20) 3+4-Methylphenols	7.287	107	179969	42.158	ng		95
22) Acetophenone	7.287	105	252917	43.099	ng		99
24) Nitrobenzene	7.463	77	182400	41.538	ng		98
25) Isophorone	7.698	82	327588	42.092	ng		100
26) 2-Nitrophenol	7.781	139	105259	44.004	ng		97
27) 2,4-Dimethylphenol	7.816	122	175970	42.470	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	208412	42.122	ng		100
29) 2,4-Dichlorophenol	8.022	162	159050	42.336	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	175767	42.547	ng		99
31) Naphthalene	8.187	128	548669	42.122	ng		99
32) Benzoic acid	7.934	122	95905	45.413	ng		97
33) 4-Chloroaniline	8.234	127	120681	22.785	ng		98
34) Hexachlorobutadiene	8.298	225	109086	43.169	ng		99
35) Caprolactam	8.604	113	46965m	47.374	ng		
36) 4-Chloro-3-methylphenol	8.716	107	158564	42.468	ng		100
37) 2-Methylnaphthalene	8.875	142	341929	42.342	ng		99
38) 1-Methylnaphthalene	8.975	142	352143	42.124	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	174122	42.736	ng		99
41) Hexachlorocyclopentadiene	9.028	237	196624	85.040	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	114757	43.223	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	116843	41.807	ng	100
46) 1,1'-Biphenyl	9.339	154	466862	42.800	ng	100
47) 2-Chloronaphthalene	9.369	162	344973	42.144	ng	99
48) 2-Nitroaniline	9.463	65	99150	43.205	ng	97
49) Acenaphthylene	9.781	152	573556	42.564	ng	99
50) Dimethylphthalate	9.639	163	396431	44.352	ng	100
51) 2,6-Dinitrotoluene	9.704	165	86951	44.297	ng	99
52) Acenaphthene	9.957	154	391901m	47.668	ng	
53) 3-Nitroaniline	9.875	138	60943	28.199	ng	100
54) 2,4-Dinitrophenol	9.986	184	94354	95.998	ng	97
55) Dibenzofuran	10.128	168	501360	42.526	ng	100
56) 4-Nitrophenol	10.045	139	130444	88.164	ng	98
57) 2,4-Dinitrotoluene	10.110	165	118547	45.467	ng	97
58) Fluorene	10.469	166	396226	43.033	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	96792	42.965	ng	96
60) Diethylphthalate	10.339	149	397296	45.334	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	191728	43.638	ng	99
62) 4-Nitroaniline	10.492	138	91301	46.192	ng	98
63) Azobenzene	10.622	77	334328	42.683	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	64218	46.372	ng	99
66) n-Nitrosodiphenylamine	10.580	169	342749	43.196	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	116031	44.531	ng	95
68) Hexachlorobenzene	11.022	284	125261	43.264	ng	99
69) Atrazine	11.110	200	102808	50.174	ng	100
70) Pentachlorophenol	11.216	266	127119	88.110	ng	99
71) Phenanthrene	11.439	178	543191	43.798	ng	99
72) Anthracene	11.486	178	557223	43.809	ng	100
73) Carbazole	11.645	167	485310	44.214	ng	100
74) Di-n-butylphthalate	11.969	149	571886	50.013	ng	99
75) Fluoranthene	12.627	202	536831	45.609	ng	100
77) Benzidine	12.745	184	197638	37.003	ng	100
78) Pyrene	12.857	202	530557	39.816	ng	99
80) Butylbenzylphthalate	13.469	149	196612	50.866	ng	97
81) Benzo(a)anthracene	14.045	228	412921	43.056	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	75762	24.356	ng	98
83) Chrysene	14.086	228	389285	45.490	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	272454	48.991	ng	99
85) Di-n-octyl phthalate	14.645	149	485726	46.319	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	499695	41.811	ng	99
88) Benzo(b)fluoranthene	15.110	252	431701	47.548	ng	100
89) Benzo(k)fluoranthene	15.139	252	366622	43.161	ng	100
90) Benzo(a)pyrene	15.486	252	388392	44.281	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	405967	41.806	ng	99
92) Benzo(g,h,i)perylene	17.527	276	403509	41.671	ng	99

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

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