Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142011.D
Acq On : 20 Mar 2025 15:01
Operator : RC/JU
Sample : PB167206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167206BS

Quant Time: Mar 20 15:28:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	157249	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	620108	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	350350	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	607454	20.000	ng		0.00
76) Chrysene-d12	14.033	240	347058	20.000	ng		0.00
86) Perylene-d12	15.510	264	334560	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1211861	128.621	ng		0.01
7) Phenol-d6	6.504	99	1489083	124.129	ng		0.00
23) Nitrobenzene-d5	7.434	82	987206	89.591	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	632241	142.248	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2081720	90.364	ng		0.00
79) Terphenyl-d14	12.980	244	2260679	96.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	162214	41.089	ng		99
3) Pyridine	3.499	79	373202	38.539	ng		98
4) n-Nitrosodimethylamine	3.440	42	185623	40.212	ng		96
6) Aniline	6.534	93	371372	31.381	ng		96
8) 2-Chlorophenol	6.657	128	459950	44.016	ng		99
9) Benzaldehyde	6.422	77	120077	17.897	ng		99
10) Phenol	6.516	94	523891	41.511	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	396427	41.833	ng		98
12) 1,3-Dichlorobenzene	6.816	146	486723	43.143	ng		99
13) 1,4-Dichlorobenzene	6.893	146	495869	43.442	ng		99
14) 1,2-Dichlorobenzene	7.045	146	476008	44.274	ng		98
15) Benzyl Alcohol	7.010	79	398042	41.042	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	443107	38.731	ng		98
17) 2-Methylphenol	7.122	107	358717	43.174	ng		99
18) Hexachloroethane	7.387	117	185112	43.247	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	301110	39.063	ng		100
20) 3+4-Methylphenols	7.275	107	451979	42.470	ng	#	86
22) Acetophenone	7.281	105	681861	45.916	ng		97
24) Nitrobenzene	7.457	77	466752	42.609	ng		99
25) Isophorone	7.692	82	840420	43.147	ng		99
26) 2-Nitrophenol	7.769	139	244337	45.447	ng		99
27) 2,4-Dimethylphenol	7.804	122	395045	53.362	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	502258	41.112	ng		99
29) 2,4-Dichlorophenol	8.010	162	395083	42.996	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	435202	42.977	ng		99
31) Naphthalene	8.181	128	1339198	42.042	ng		99
32) Benzoic acid	7.922	122	310968	47.786	ng		96
33) 4-Chloroaniline	8.222	127	174896	15.553	ng		97
34) Hexachlorobutadiene	8.292	225	292945	44.359	ng		99
35) Caprolactam	8.592	113	130255m	46.495	ng		
36) 4-Chloro-3-methylphenol	8.704	107	428873	41.840	ng		99
37) 2-Methylnaphthalene	8.869	142	868284	40.781	ng		100
38) 1-Methylnaphthalene	8.969	142	838786	40.825	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	516333	48.406	ng		99
41) Hexachlorocyclopentadiene	9.022	237	628126	150.466	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	304050	43.616	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	317077	44.909	ng		99
46) 1,1'-Biphenyl	9.334	154	1252843	47.064	ng		100
47) 2-Chloronaphthalene	9.357	162	860840	43.386	ng		99
48) 2-Nitroaniline	9.451	65	247627	43.104	ng		99
49) Acenaphthylene	9.775	152	1338573	45.462	ng		100
50) Dimethylphthalate	9.634	163	1029908	41.979	ng		100
51) 2,6-Dinitrotoluene	9.692	165	227147	44.467	ng		96
52) Acenaphthene	9.945	154	996164	48.143	ng		100
53) 3-Nitroaniline	9.863	138	121411	23.431	ng		96
54) 2,4-Dinitrophenol	9.969	184	263921	90.035	ng	#	48
55) Dibenzofuran	10.122	168	1221571	41.317	ng		98
56) 4-Nitrophenol	10.022	139	348081	89.078	ng		98
57) 2,4-Dinitrotoluene	10.098	165	310491	46.537	ng		99
58) Fluorene	10.463	166	976875	42.845	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	278049	43.278	ng		98
60) Diethylphthalate	10.333	149	1008455	41.223	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	505204	42.500	ng		98
62) 4-Nitroaniline	10.475	138	200935	39.832	ng		98
63) Azobenzene	10.616	77	900903	39.610	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	173183	47.823	ng		97
66) n-Nitrosodiphenylamine	10.569	169	838174	42.639	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	325140	42.619	ng		96
68) Hexachlorobenzene	11.010	284	377242	45.086	ng		95
69) Atrazine	11.098	200	334968	55.585	ng		99
70) Pentachlorophenol	11.204	266	450590	87.404	ng		99
71) Phenanthrene	11.422	178	1439697	43.879	ng		100
72) Anthracene	11.475	178	1464576	44.492	ng		100
73) Carbazole	11.628	167	1185513	41.760	ng		100
74) Di-n-butylphthalate	11.957	149	1519548	40.340	ng		99
75) Fluoranthene	12.610	202	1384289	39.773	ng		100
77) Benzidine	12.727	184	283320	58.512	ng		99
78) Pyrene	12.839	202	1372197	45.708	ng		99
80) Butylbenzylphthalate	13.457	149	501229	42.657	ng		96
81) Benzo(a)anthracene	14.027	228	998393	43.839	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	149865	22.771	ng		100
83) Chrysene	14.063	228	882766	42.761	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	672308	41.498	ng		100
85) Di-n-octyl phthalate	14.627	149	1055840	46.838	ng		97
87) Indeno(1,2,3-cd)pyrene	16.998	276	877070	40.526	ng		98
88) Benzo(b)fluoranthene	15.074	252	976921	42.606	ng		100
89) Benzo(k)fluoranthene	15.104	252	810913	41.326	ng		100
90) Benzo(a)pyrene	15.445	252	808714	45.075	ng		99
91) Dibenzo(a,h)anthracene	17.010	278	705085	39.486	ng		99
92) Benzo(g,h,i)perylene	17.445	276	657226	37.245	ng		98

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

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