Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
Data File : BF142782.D
Acq On : 18 Jun 2025 17:33
Operator : RC/JU
Sample : Q2339-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-CMSD

Quant Time: Jun 18 18:00:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	76455	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	291596	20.000	ng		-0.01
39) Acenaphthene-d10	9.928	164	152897	20.000	ng		-0.01
64) Phenanthrene-d10	11.416	188	233118	20.000	ng		0.00
76) Chrysene-d12	14.063	240	158524	20.000	ng		0.00
86) Perylene-d12	15.551	264	183800	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	553525	123.305	ng		0.01
7) Phenol-d6	6.516	99	618993	117.168	ng		0.00
23) Nitrobenzene-d5	7.451	82	435595	81.754	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	205011	122.341	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	925807	80.445	ng		-0.01
79) Terphenyl-d14	12.998	244	673835	58.381	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	64366	36.231	ng	#	83
3) Pyridine	3.528	79	171085	38.407	ng		97
4) n-Nitrosodimethylamine	3.463	42	98588	43.257	ng		97
6) Aniline	6.545	93	124390	17.592	ng	#	77
8) 2-Chlorophenol	6.669	128	213817	43.585	ng		99
9) Benzaldehyde	6.434	77	78251	23.918	ng		98
10) Phenol	6.534	94	228293	38.877	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	192486	43.885	ng		99
12) 1,3-Dichlorobenzene	6.828	146	211248	37.733	ng		99
13) 1,4-Dichlorobenzene	6.904	146	212863	37.622	ng		99
14) 1,2-Dichlorobenzene	7.051	146	207150	38.194	ng		99
15) Benzyl Alcohol	7.028	79	178824	44.785	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	297187	43.035	ng		97
17) 2-Methylphenol	7.139	107	164789	43.817	ng		99
18) Hexachloroethane	7.398	117	76599	37.777	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	144343	42.918	ng		99
20) 3+4-Methylphenols	7.292	107	207259	43.713	ng		92
22) Acetophenone	7.292	105	281392	43.382	ng		98
24) Nitrobenzene	7.469	77	206042	43.571	ng		99
25) Isophorone	7.704	82	388056	43.016	ng		99
26) 2-Nitrophenol	7.786	139	117817	44.643	ng		96
27) 2,4-Dimethylphenol	7.822	122	202689	45.109	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	246210	43.958	ng		99
29) 2,4-Dichlorophenol	8.028	162	187578	45.235	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	188061	41.042	ng		99
31) Naphthalene	8.192	128	610144	42.309	ng		100
32) Benzoic acid	7.910	122	47775	18.880	ng		100
33) 4-Chloroaniline	8.233	127	60125	10.384	ng		98
34) Hexachlorobutadiene	8.304	225	117499	40.240	ng		99
35) Caprolactam	8.604	113	46241m	41.311	ng		
36) 4-Chloro-3-methylphenol	8.722	107	187597	43.508	ng		99
37) 2-Methylnaphthalene	8.881	142	393510	43.111	ng		100
38) 1-Methylnaphthalene	8.980	142	407427	43.087	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	199424	45.065	ng		99
41) Hexachlorocyclopentadiene	9.033	237	205402	72.318	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	136122	47.519	ng		99

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Quant Time: Jun 18 18:00:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	144177	46.599	ng	97
46) 1,1'-Biphenyl	9.345	154	546808	46.056	ng	99
47) 2-Chloronaphthalene	9.375	162	400518	45.790	ng	99
48) 2-Nitroaniline	9.469	65	116272	46.737	ng	99
49) Acenaphthylene	9.786	152	668423	45.322	ng	100
50) Dimethylphthalate	9.645	163	479868	46.999	ng	100
51) 2,6-Dinitrotoluene	9.710	165	101099	45.815	ng	97
52) Acenaphthene	9.963	154	411533	45.005	ng	99
53) 3-Nitroaniline	9.875	138	46184	19.296	ng	97
54) 2,4-Dinitrophenol	9.986	184	49256	40.749	ng	90
55) Dibenzofuran	10.133	168	583257	44.792	ng	99
56) 4-Nitrophenol	10.045	139	128856	79.378	ng	99
57) 2,4-Dinitrotoluene	10.116	165	130364	44.682	ng	97
58) Fluorene	10.475	166	457058	44.449	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	112849	43.354	ng	99
60) Diethylphthalate	10.345	149	456676	45.107	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	221019	44.012	ng	98
62) 4-Nitroaniline	10.492	138	92600	43.245	ng	99
63) Azobenzene	10.627	77	397182	44.919	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	46366	31.761	ng	95
66) n-Nitrosodiphenylamine	10.586	169	393959	49.164	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	134174	48.760	ng	98
68) Hexachlorobenzene	11.027	284	145092	47.502	ng	96
69) Atrazine	11.110	200	115780	54.195	ng	99
70) Pentachlorophenol	11.222	266	139188	86.932	ng	99
71) Phenanthrene	11.439	178	593688	47.537	ng	99
72) Anthracene	11.492	178	606382	46.935	ng	100
73) Carbazole	11.645	167	518551	47.944	ng	100
74) Di-n-butylphthalate	11.974	149	652807	54.053	ng	100
75) Fluoranthene	12.627	202	565204	47.593	ng	99
77) Benzidine	12.751	184	168083	29.772	ng	99
78) Pyrene	12.857	202	564346	38.308	ng	100
80) Butylbenzylphthalate	13.474	149	234818	53.903	ng	97
81) Benzo(a)anthracene	14.051	228	506269	48.194	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	66799	19.719	ng	99
83) Chrysene	14.086	228	455668	46.982	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	333584	51.024	ng	99
85) Di-n-octyl phthalate	14.645	149	571526	45.565	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	576413	42.319	ng	99
88) Benzo(b)fluoranthene	15.115	252	532688	49.221	ng	99
89) Benzo(k)fluoranthene	15.145	252	487253	46.402	ng	99
90) Benzo(a)pyrene	15.492	252	498204	48.417	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	469175	42.186	ng	99
92) Benzo(g,h,i)perylene	17.527	276	453741	41.028	ng	99

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

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