Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142367.D
Acq On : 14 May 2025 15:48
Operator : RC/JU
Sample : Q1982-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Quant Time: May 14 16:18:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	163411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	663275	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	383694	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	695642	20.000	ng	0.00
76) Chrysene-d12	14.068	240	504507	20.000	ng	0.00
86) Perylene-d12	15.557	264	463876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	727810	76.031	ng	0.00
7) Phenol-d6	6.522	99	917285	77.911	ng	0.00
23) Nitrobenzene-d5	7.463	82	543317	49.957	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	329981	89.076	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1223365	45.462	ng	0.00
79) Terphenyl-d14	13.010	244	1503921	44.122	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	147968	34.326	ng	99
3) Pyridine	3.451	79	404047	39.923	ng	98
4) n-Nitrosodimethylamine	3.404	42	233999	39.781	ng	96
6) Aniline	6.563	93	610214	52.841	ng	99
8) 2-Chlorophenol	6.681	128	464357	45.395	ng	98
9) Benzaldehyde	6.445	77	279913	40.621	ng	99
10) Phenol	6.534	94	592200	47.452	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	427498	34.736	ng	97
12) 1,3-Dichlorobenzene	6.839	146	482962	41.269	ng	98
13) 1,4-Dichlorobenzene	6.916	146	490447	41.739	ng	99
14) 1,2-Dichlorobenzene	7.069	146	475638	42.172	ng	99
15) Benzyl Alcohol	7.039	79	372562	48.868	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	750259	40.823	ng	100
17) 2-Methylphenol	7.145	107	366691	44.277	ng	100
18) Hexachloroethane	7.416	117	170553	43.625	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	312261	42.877	ng	99
20) 3+4-Methylphenols	7.298	107	461691	44.669	ng	95
22) Acetophenone	7.310	105	599580	40.656	ng	99
24) Nitrobenzene	7.481	77	460221	44.892	ng	98
25) Isophorone	7.722	82	870718	42.279	ng	100
26) 2-Nitrophenol	7.798	139	241919	48.876	ng	99
27) 2,4-Dimethylphenol	7.833	122	447816	43.249	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	545344	41.181	ng	99
29) 2,4-Dichlorophenol	8.039	162	404695	45.972	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	413037	41.691	ng	99
31) Naphthalene	8.204	128	1348598	41.952	ng	100
32) Benzoic acid	7.939	122	301339	52.709	ng	99
33) 4-Chloroaniline	8.251	127	254396	19.394	ng	99
34) Hexachlorobutadiene	8.322	225	246231	41.973	ng	99
35) Caprolactam	8.616	113	140852m	54.900	ng	
36) 4-Chloro-3-methylphenol	8.728	107	424687	46.409	ng	99
37) 2-Methylnaphthalene	8.898	142	860980	43.103	ng	99
38) 1-Methylnaphthalene	8.998	142	882557	42.391	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	420929	39.280	ng	99
41) Hexachlorocyclopentadiene	9.051	237	575524	86.900	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	304019	44.977	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	329488	45.813	ng		99
46) 1,1'-Biphenyl	9.363	154	1179021	40.076	ng		99
47) 2-Chloronaphthalene	9.386	162	876771	40.075	ng		99
48) 2-Nitroaniline	9.480	65	278721	49.701	ng		93
49) Acenaphthylene	9.804	152	1503613	41.083	ng		100
50) Dimethylphthalate	9.663	163	1087910	44.156	ng		100
51) 2,6-Dinitrotoluene	9.722	165	235845	51.140	ng		91
52) Acenaphthene	9.975	154	1015493	46.144	ng		99
53) 3-Nitroaniline	9.886	138	197625	36.538	ng		95
54) 2,4-Dinitrophenol	9.992	184	287471	115.398	ng	#	3
55) Dibenzofuran	10.145	168	1338806	41.222	ng		99
56) 4-Nitrophenol	10.045	139	457871	112.478	ng		96
57) 2,4-Dinitrotoluene	10.122	165	336965	56.961	ng		96
58) Fluorene	10.486	166	1029226	41.525	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	285508	48.088	ng		98
60) Diethylphthalate	10.363	149	1099801	44.698	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	505137	42.242	ng		100
62) 4-Nitroaniline	10.504	138	266492	62.165	ng		99
63) Azobenzene	10.639	77	1047634	44.557	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	177334	53.686	ng		99
66) n-Nitrosodiphenylamine	10.598	169	943012	40.738	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	331117	41.999	ng		99
68) Hexachlorobenzene	11.033	284	363982	41.971	ng		98
69) Atrazine	11.127	200	311861	51.109	ng		100
70) Pentachlorophenol	11.227	266	460619	100.965	ng		98
71) Phenanthrene	11.451	178	1517989	41.630	ng		100
72) Anthracene	11.504	178	1560663	41.655	ng		100
73) Carbazole	11.657	167	1466489	43.628	ng		100
74) Di-n-butylphthalate	11.986	149	1809368	51.191	ng		100
75) Fluoranthene	12.639	202	1657698	45.479	ng		100
77) Benzidine	12.763	184	1021921	111.462	ng		98
78) Pyrene	12.868	202	1674701	37.293	ng		100
80) Butylbenzylphthalate	13.486	149	716198	54.143	ng		99
81) Benzo(a)anthracene	14.057	228	1348952	41.287	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	288195	37.931	ng		98
83) Chrysene	14.098	228	1288523	42.364	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	983412	56.774	ng		100
85) Di-n-octyl phthalate	14.662	149	1530562	49.457	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1201187	37.225	ng		99
88) Benzo(b)fluoranthene	15.121	252	1206700	42.951	ng		99
89) Benzo(k)fluoranthene	15.151	252	1158689	45.067	ng		100
90) Benzo(a)pyrene	15.498	252	1117294	44.379	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	992131	37.216	ng		98
92) Benzo(g,h,i)perylene	17.521	276	924006	34.922	ng		99

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

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