Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142680.D
Acq On : 07 Jun 2025 09:29
Operator : RC/JU
Sample : Q2244-01MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP03-MHCMSD

Quant Time: Jun 09 01:04:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	132647	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	469877	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	203299	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	301639	20.000	ng	0.00
76) Chrysene-d12	14.068	240	263285	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	195955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	715465	90.872	ng	0.00
7) Phenol-d6	6.528	99	881616	93.021	ng	0.00
23) Nitrobenzene-d5	7.457	82	514484	59.705	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	191081	84.685	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	939165	61.989	ng	-0.01
79) Terphenyl-d14	13.010	244	855420	44.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	112811	35.806	ng	99
3) Pyridine	3.487	79	307075	38.274	ng	98
4) n-Nitrosodimethylamine	3.446	42	165861	39.815	ng	90
6) Aniline	6.557	93	429393	33.695	ng	97
8) 2-Chlorophenol	6.681	128	350358	40.854	ng	99
9) Benzaldehyde	6.445	77	184175	32.309	ng	99
10) Phenol	6.540	94	424529	39.808	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	320891	41.801	ng	100
12) 1,3-Dichlorobenzene	6.840	146	379311	39.638	ng	98
13) 1,4-Dichlorobenzene	6.916	146	383426	39.777	ng	98
14) 1,2-Dichlorobenzene	7.063	146	367989	39.897	ng	100
15) Benzyl Alcohol	7.034	79	279319	39.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	513619	39.841	ng	97
17) 2-Methylphenol	7.151	107	267823	40.000	ng	99
18) Hexachloroethane	7.410	117	131810	39.161	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	223689	38.082	ng	96
20) 3+4-Methylphenols	7.298	107	319641	37.280	ng	97
22) Acetophenone	7.304	105	434818	41.803	ng	98
24) Nitrobenzene	7.481	77	327330	42.118	ng	99
25) Isophorone	7.716	82	597807	41.494	ng	99
26) 2-Nitrophenol	7.792	139	183315	44.143	ng	98
27) 2,4-Dimethylphenol	7.834	122	310193	42.356	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	384218	42.692	ng	99
29) 2,4-Dichlorophenol	8.039	162	271591	40.779	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	297375	41.142	ng	98
31) Naphthalene	8.204	128	935902	40.451	ng	100
32) Benzoic acid	7.945	122	178742	40.095	ng	98
33) 4-Chloroaniline	8.251	127	252675	26.952	ng	96
34) Hexachlorobutadiene	8.316	225	183459	40.650	ng	98
35) Caprolactam	8.616	113	78996	42.232	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	250468	36.696	ng	96
37) 2-Methylnaphthalene	8.892	142	553693	38.040	ng	100
38) 1-Methylnaphthalene	8.992	142	562795	37.380	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	275141	47.147	ng	99
41) Hexachlorocyclopentadiene	9.045	237	194601	49.431	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	178126	45.265	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	174699	42.094	ng	99
46) 1,1'-Biphenyl	9.357	154	721285	45.731	ng	99
47) 2-Chloronaphthalene	9.381	162	515507	44.238	ng	99
48) 2-Nitroaniline	9.475	65	146180	43.399	ng	98
49) Acenaphthylene	9.798	152	821312	41.739	ng	100
50) Dimethylphthalate	9.657	163	618728	46.124	ng	100
51) 2,6-Dinitrotoluene	9.716	165	125060	43.195	ng	98
52) Acenaphthene	9.969	154	515065	42.867	ng	99
53) 3-Nitroaniline	9.886	138	108889	34.434	ng	95
54) 2,4-Dinitrophenol	9.992	184	97233	65.004	ng	96
55) Dibenzofuran	10.145	168	699425	40.452	ng	97
56) 4-Nitrophenol	10.051	139	184700	79.158	ng	97
57) 2,4-Dinitrotoluene	10.122	165	158960	42.041	ng	99
58) Fluorene	10.486	166	518134	38.789	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	133489	38.528	ng	96
60) Diethylphthalate	10.357	149	558083	42.598	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	263955	40.226	ng	96
62) 4-Nitroaniline	10.498	138	108558	37.851	ng	97
63) Azobenzene	10.639	77	499435	42.443	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	62378	37.055	ng	93
66) n-Nitrosodiphenylamine	10.592	169	454359	44.028	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	151732	42.542	ng	97
68) Hexachlorobenzene	11.033	284	161925	41.048	ng	100
69) Atrazine	11.122	200	136793	49.913	ng	99
70) Pentachlorophenol	11.227	266	196046	88.024	ng	98
71) Phenanthrene	11.451	178	672451	41.715	ng	100
72) Anthracene	11.504	178	707211	42.987	ng	100
73) Carbazole	11.657	167	655661	46.618	ng	99
74) Di-n-butylphthalate	11.980	149	770783	50.067	ng	100
75) Fluoranthene	12.639	202	774008	51.386	ng	98
77) Benzidine	12.763	184	466541	47.618	ng	100
78) Pyrene	12.869	202	804263	32.746	ng	99
80) Butylbenzylphthalate	13.486	149	344124	50.707	ng	97
81) Benzo(a)anthracene	14.063	228	756968	43.056	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	244409	45.834	ng	98
83) Chrysene	14.098	228	660871	41.834	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	494041	56.866	ng	99
85) Di-n-octyl phthalate	14.657	149	822267	48.405	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	485069	32.973	ng	99
88) Benzo(b)fluoranthene	15.121	252	586012	50.529	ng	98
89) Benzo(k)fluoranthene	15.151	252	495026	45.572	ng	98
90) Benzo(a)pyrene	15.498	252	475032	43.454	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	399204	33.458	ng	99
92) Benzo(g,h,i)perylene	17.533	276	385196	32.277	ng	99

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

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