Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
Data File : BF142708.D
Acq On : 10 Jun 2025 13:10
Operator : RC/JU
Sample : Q2266-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5MSD

Quant Time: Jun 10 13:36:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 18:21:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	72257	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	275500	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	142711	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	234155	20.000	ng	0.00
76) Chrysene-d12	14.068	240	165870	20.000	ng	0.00
86) Perylene-d12	15.562	264	192181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	347013	81.544	ng	0.00
7) Phenol-d6	6.522	99	418658	83.891	ng	-0.01
23) Nitrobenzene-d5	7.457	82	256857	51.238	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	130878	81.627	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	556539	53.332	ng	-0.01
79) Terphenyl-d14	13.010	244	569500	54.300	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	72508	44.495	ng	99
3) Pyridine	3.493	79	191369	45.533	ng	99
4) n-Nitrosodimethylamine	3.446	42	99412	48.599	ng	100
6) Aniline	6.557	93	258265	38.546	ng	99
8) 2-Chlorophenol	6.681	128	217686	46.885	ng	99
9) Benzaldehyde	6.445	77	106141	37.727	ng	98
10) Phenol	6.539	94	257673	46.109	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	190336	46.751	ng	98
12) 1,3-Dichlorobenzene	6.834	146	242260	46.591	ng	99
13) 1,4-Dichlorobenzene	6.910	146	243281	45.759	ng	98
14) 1,2-Dichlorobenzene	7.063	146	234915	46.341	ng	99
15) Benzyl Alcohol	7.034	79	173213	47.449	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	298489	45.024	ng	99
17) 2-Methylphenol	7.145	107	165270	46.421	ng	99
18) Hexachloroethane	7.410	117	86749	47.494	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	140306	47.961	ng	99
20) 3+4-Methylphenols	7.298	107	202021	46.075	ng	92
22) Acetophenone	7.304	105	278764	46.288	ng	97
24) Nitrobenzene	7.475	77	206081	45.583	ng	98
25) Isophorone	7.716	82	375420	46.159	ng	99
26) 2-Nitrophenol	7.792	139	119751	48.019	ng	97
27) 2,4-Dimethylphenol	7.828	122	192684	45.463	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	238129	46.681	ng	99
29) 2,4-Dichlorophenol	8.033	162	178727	46.031	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	198673	46.909	ng	99
31) Naphthalene	8.204	128	628617	46.304	ng	100
32) Benzoic acid	7.945	122	114197	44.432	ng	99
33) 4-Chloroaniline	8.245	127	150212	26.913	ng	99
34) Hexachlorobutadiene	8.316	225	123664	47.410	ng	99
35) Caprolactam	8.616	113	53432	44.804	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	176492	44.067	ng	99
37) 2-Methylnaphthalene	8.892	142	383204	44.860	ng	99
38) 1-Methylnaphthalene	8.992	142	401791	45.421	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	195877	47.494	ng	98
41) Hexachlorocyclopentadiene	9.045	237	237736	98.159	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	130978	48.400	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	130023	44.984	ng	98
46) 1,1'-Biphenyl	9.357	154	522957	47.125	ng	100
47) 2-Chloronaphthalene	9.380	162	384142	46.200	ng	98
48) 2-Nitroaniline	9.475	65	110067	44.484	ng	96
49) Acenaphthylene	9.798	152	644772	46.788	ng	100
50) Dimethylphthalate	9.657	163	436604	45.471	ng	100
51) 2,6-Dinitrotoluene	9.716	165	97005	46.703	ng	97
52) Acenaphthene	9.969	154	426949	50.646	ng	99
53) 3-Nitroaniline	9.886	138	71312	30.555	ng	100
54) 2,4-Dinitrophenol	9.998	184	97586	84.859	ng	99
55) Dibenzofuran	10.145	168	567305	46.908	ng	100
56) 4-Nitrophenol	10.051	139	143285	89.319	ng	97
57) 2,4-Dinitrotoluene	10.122	165	130550	46.890	ng	99
58) Fluorene	10.486	166	437729	45.283	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	112396	46.211	ng	98
60) Diethylphthalate	10.357	149	435949	46.768	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	213265	46.664	ng	99
62) 4-Nitroaniline	10.504	138	92488	41.775	ng	97
63) Azobenzene	10.633	77	424592	50.849	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	66857	44.767	ng	99
66) n-Nitrosodiphenylamine	10.592	169	377664	49.955	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	129618	50.082	ng	99
68) Hexachlorobenzene	11.033	284	144592	48.621	ng	98
69) Atrazine	11.122	200	117197	51.118	ng	99
70) Pentachlorophenol	11.227	266	151032	92.349	ng	99
71) Phenanthrene	11.451	178	601737	48.070	ng	100
72) Anthracene	11.504	178	619924	47.721	ng	100
73) Carbazole	11.657	167	530592	45.359	ng	100
74) Di-n-butylphthalate	11.980	149	686641	55.292	ng	100
75) Fluoranthene	12.639	202	654629	52.195	ng	99
77) Benzidine	12.757	184	282563	49.359	ng	100
78) Pyrene	12.868	202	640734	47.407	ng	100
80) Butylbenzylphthalate	13.480	149	262174	62.988	ng	97
81) Benzo(a)anthracene	14.057	228	520620	48.363	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	110065	31.986	ng	100
83) Chrysene	14.092	228	497015	48.745	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	362506	76.283	ng	100
85) Di-n-octyl phthalate	14.657	149	565508	61.186	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	693415	51.008	ng	100
88) Benzo(b)fluoranthene	15.121	252	594564	51.784	ng	99
89) Benzo(k)fluoranthene	15.151	252	492587	45.591	ng	99
90) Benzo(a)pyrene	15.498	252	549915	51.111	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	561456	51.306	ng	99
92) Benzo(g,h,i)perylene	17.539	276	555277	49.001	ng	100

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

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