Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
Data File : BP024948.D
Acq On : 13 Jun 2025 17:34
Operator : RC/JU
Sample : Q2310-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7MSD

Quant Time: Jun 13 17:56:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	247774	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	970357	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	605918	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1185670	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1287564	20.000	ng	0.01
86) Perylene-d12	24.760	264	1590527	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1566354	105.522	ng	0.00
7) Phenol-d6	6.819	99	2013150	102.503	ng	0.00
23) Nitrobenzene-d5	8.760	82	1233176	61.754	ng	0.00
42) 2,4,6-Tribromophenol	15.772	330	970090	115.802	ng	-0.01
45) 2-Fluorobiphenyl	12.860	172	2784978	61.918	ng	0.00
79) Terphenyl-d14	19.789	244	4264171	59.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	251086	38.442	ng	98
3) Pyridine	3.561	79	641805	40.860	ng	99
4) n-Nitrosodimethylamine	3.472	42	269757	42.007	ng	98
6) Aniline	6.949	93	643351	25.668	ng	99
8) 2-Chlorophenol	7.190	128	821750	48.834	ng	98
9) Benzaldehyde	6.766	77	555884	49.105	ng	96
10) Phenol	6.849	94	975928	48.202	ng	97
11) bis(2-Chloroethyl)ether	7.043	93	703850	44.199	ng	99
12) 1,3-Dichlorobenzene	7.496	146	858700	45.743	ng	99
13) 1,4-Dichlorobenzene	7.643	146	869657	45.913	ng	98
14) 1,2-Dichlorobenzene	7.955	146	848682	45.629	ng	99
15) Benzyl Alcohol	7.860	79	693566	46.013	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.131	45	869349	41.710	ng	98
17) 2-Methylphenol	8.072	107	663638	46.938	ng	99
18) Hexachloroethane	8.666	117	318578	44.674	ng	99
19) n-Nitroso-di-n-propyla...	8.413	70	557942	41.789	ng	97
20) 3+4-Methylphenols	8.402	107	900259	46.671	ng	96
22) Acetophenone	8.431	105	1137256	46.388	ng	98
24) Nitrobenzene	8.802	77	822291	46.352	ng	99
25) Isophorone	9.325	82	1567630	45.296	ng	99
26) 2-Nitrophenol	9.507	139	451738	51.609	ng	95
27) 2,4-Dimethylphenol	9.578	122	753767	50.317	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	955915	46.304	ng	98
29) 2,4-Dichlorophenol	10.054	162	756579	52.636	ng	99
30) 1,2,4-Trichlorobenzene	10.249	180	783371	48.320	ng	98
31) Naphthalene	10.431	128	2357435	47.407	ng	100
32) Benzoic acid	9.778	122	542745	53.614	ng	100
33) 4-Chloroaniline	10.560	127	360105	17.285	ng	99
34) Hexachlorobutadiene	10.707	225	482567	49.386	ng	99
35) Caprolactam	11.360	113	254728	48.144	ng	94
36) 4-Chloro-3-methylphenol	11.707	107	818992	49.399	ng	100
37) 2-Methylnaphthalene	12.048	142	1519504	48.172	ng	99
38) 1-Methylnaphthalene	12.272	142	1581961	46.910	ng	99
40) 1,2,4,5-Tetrachloroben...	12.425	216	870110	50.608	ng	100
41) Hexachlorocyclopentadiene	12.396	237	800665	76.350	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	601992	52.137	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	658566	53.258	ng		98
46) 1,1'-Biphenyl	13.072	154	2141104	48.624	ng		99
47) 2-Chloronaphthalene	13.113	162	1663592	49.156	ng		100
48) 2-Nitroaniline	13.337	65	491267	47.216	ng		95
49) Acenaphthylene	13.972	152	2735554	48.478	ng		100
50) Dimethylphthalate	13.713	163	2124847	47.538	ng		100
51) 2,6-Dinitrotoluene	13.837	165	466315	48.394	ng		99
52) Acenaphthene	14.313	154	1564993	48.398	ng		99
53) 3-Nitroaniline	14.184	138	244135	24.414	ng		96
54) 2,4-Dinitrophenol	14.401	184	580060	91.582	ng		94
55) Dibenzofuran	14.654	168	2495985	48.088	ng		98
56) 4-Nitrophenol	14.542	139	761905	89.324	ng		98
57) 2,4-Dinitrotoluene	14.648	165	671501	49.818	ng		95
58) Fluorene	15.319	166	2027413	48.352	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	573239	51.885	ng		97
60) Diethylphthalate	15.095	149	2129941	47.814	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	1002485	48.898	ng		98
62) 4-Nitroaniline	15.360	138	455404	50.227	ng		93
63) Azobenzene	15.613	77	2187937	53.554	ng		95
65) 4,6-Dinitro-2-methylph...	15.425	198	381094	48.915	ng		98
66) n-Nitrosodiphenylamine	15.537	169	1761479	47.931	ng		99
67) 4-Bromophenyl-phenylether	16.225	248	685105	51.210	ng		97
68) Hexachlorobenzene	16.342	284	817924	50.432	ng		97
69) Atrazine	16.519	200	661903	49.683	ng		99
70) Pentachlorophenol	16.713	266	997506	118.839	ng		100
71) Phenanthrene	17.101	178	3173482	48.434	ng		99
72) Anthracene	17.189	178	3222098	48.556	ng		100
73) Carbazole	17.483	167	3014897	49.017	ng		100
74) Di-n-butylphthalate	18.060	149	3763937	49.391	ng		99
75) Fluoranthene	19.195	202	3751628	49.401	ng		99
77) Benzidine	19.401	184	2197094	55.096	ng		99
78) Pyrene	19.566	202	3927745	48.828	ng		100
80) Butylbenzylphthalate	20.519	149	1819641	49.385	ng		97
81) Benzo(a)anthracene	21.477	228	4018874	48.802	ng		99
82) 3,3'-Dichlorobenzidine	21.401	252	1066536	32.623	ng		99
83) Chrysene	21.542	228	3777127	48.407	ng		99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2703358	51.209	ng		98
85) Di-n-octyl phthalate	22.654	149	4667277	50.159	ng		98
87) Indeno(1,2,3-cd)pyrene	28.483	276	5883621	50.700	ng	#	92
88) Benzo(b)fluoranthene	23.736	252	4331443	47.584	ng		100
89) Benzo(k)fluoranthene	23.801	252	4331481	46.748	ng		99
90) Benzo(a)pyrene	24.607	252	4277065	48.114	ng		99
91) Dibenzo(a,h)anthracene	28.548	278	4741970	50.201	ng		99
92) Benzo(g,h,i)perylene	29.606	276	4725205	50.417	ng		100

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

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