Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025007.D
Acq On : 19 Jun 2025 19:08
Operator : RC/JU
Sample : Q2347-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Quant Time: Jun 20 01:13:54 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	7.602	152	256103	20.000	ng		-0.01
21) Naphthalene-d8	10.372	136	1009701	20.000	ng		0.00
39) Acenaphthene-d10	14.248	164	615822	20.000	ng		0.00
64) Phenanthrene-d10	17.054	188	1249087	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1308170	20.000	ng		0.01
86) Perylene-d12	24.765	264	1527853	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	1617814	105.444	ng		0.00
7) Phenol-d6	6.813	99	2087706	102.842	ng		0.00
23) Nitrobenzene-d5	8.754	82	1269394	61.091	ng		0.00
42) 2,4,6-Tribromophenol	15.783	330	928676	109.075	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	2748203	60.117	ng		0.00
79) Terphenyl-d14	19.783	244	4387058	60.105	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	261359	38.714	ng		99
3) Pyridine	3.561	79	674552	41.548	ng		99
4) n-Nitrosodimethylamine	3.472	42	288015	43.392	ng		93
6) Aniline	6.943	93	751711	29.016	ng		100
8) 2-Chlorophenol	7.184	128	820397	47.168	ng		100
9) Benzaldehyde	6.760	77	535651	45.779	ng		100
10) Phenol	6.837	94	987188	47.172	ng		97
11) bis(2-Chloroethyl)ether	7.037	93	727221	44.182	ng		100
12) 1,3-Dichlorobenzene	7.490	146	851172	43.867	ng		99
13) 1,4-Dichlorobenzene	7.637	146	857924	43.821	ng		99
14) 1,2-Dichlorobenzene	7.949	146	829329	43.138	ng		99
15) Benzyl Alcohol	7.854	79	704875	45.243	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.119	45	938524	43.564	ng		99
17) 2-Methylphenol	8.066	107	671577	45.955	ng		98
18) Hexachloroethane	8.654	117	325767	44.197	ng		96
19) n-Nitroso-di-n-propyla...	8.401	70	575544	41.705	ng		100
20) 3+4-Methylphenols	8.396	107	896635	44.971	ng		97
22) Acetophenone	8.425	105	1142688	44.793	ng	#	99
24) Nitrobenzene	8.801	77	852776	46.197	ng		98
25) Isophorone	9.319	82	1608274	44.660	ng		100
26) 2-Nitrophenol	9.501	139	441229	48.444	ng		99
27) 2,4-Dimethylphenol	9.578	122	737667	47.323	ng		98
28) bis(2-Chloroethoxy)met...	9.796	93	976691	45.467	ng		98
29) 2,4-Dichlorophenol	10.060	162	739099	49.416	ng		99
30) 1,2,4-Trichlorobenzene	10.237	180	763077	45.234	ng		100
31) Naphthalene	10.419	128	2353821	45.490	ng		99
32) Benzoic acid	9.784	122	575259	54.612	ng		99
33) 4-Chloroaniline	10.554	127	483590	22.307	ng		99
34) Hexachlorobutadiene	10.695	225	465748	45.808	ng		99
35) Caprolactam	11.360	113	269335	48.921	ng		96
36) 4-Chloro-3-methylphenol	11.707	107	828727	48.038	ng		99
37) 2-Methylnaphthalene	12.042	142	1505667	45.874	ng		99
38) 1-Methylnaphthalene	12.266	142	1576082	44.915	ng		98
40) 1,2,4,5-Tetrachloroben...	12.419	216	844665	48.338	ng		99
41) Hexachlorocyclopentadiene	12.384	237	844810	79.264	ng		99
43) 2,4,6-Trichlorophenol	12.684	196	600238	51.149	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	658524	52.398	ng		98
46) 1,1'-Biphenyl	13.072	154	2135117	47.709	ng		99
47) 2-Chloronaphthalene	13.113	162	1628681	47.350	ng		99
48) 2-Nitroaniline	13.342	65	530296	50.148	ng		95
49) Acenaphthylene	13.966	152	2727641	47.560	ng		100
50) Dimethylphthalate	13.707	163	2131155	46.913	ng		99
51) 2,6-Dinitrotoluene	13.842	165	481655	49.182	ng		96
52) Acenaphthene	14.319	154	1574892	47.921	ng		99
53) 3-Nitroaniline	14.189	138	292308	28.762	ng		99
54) 2,4-Dinitrophenol	14.413	184	647775	100.079	ng		96
55) Dibenzofuran	14.660	168	2485168	47.109	ng		100
56) 4-Nitrophenol	14.560	139	735984	85.165	ng		96
57) 2,4-Dinitrotoluene	14.654	165	687020	50.150	ng		95
58) Fluorene	15.319	166	2041782	47.912	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	569986	50.761	ng		99
60) Diethylphthalate	15.089	149	2175202	48.045	ng		99
61) 4-Chlorophenyl-phenyle...	15.307	204	992505	47.632	ng		97
62) 4-Nitroaniline	15.372	138	482604	52.371	ng		93
63) Azobenzene	15.613	77	2253120	54.262	ng		98
65) 4,6-Dinitro-2-methylph...	15.436	198	404357	49.266	ng		98
66) n-Nitrosodiphenylamine	15.542	169	1818455	46.969	ng		100
67) 4-Bromophenyl-phenylether	16.230	248	654553	46.443	ng		99
68) Hexachlorobenzene	16.354	284	779037	45.596	ng		96
69) Atrazine	16.525	200	670358	47.763	ng		99
70) Pentachlorophenol	16.713	266	997318	112.784	ng		99
71) Phenanthrene	17.101	178	3181572	46.092	ng		99
72) Anthracene	17.195	178	3335317	47.710	ng		99
73) Carbazole	17.483	167	3132092	48.337	ng		100
74) Di-n-butylphthalate	18.060	149	3936416	49.032	ng		99
75) Fluoranthene	19.189	202	3829480	47.866	ng		99
77) Benzidine	19.395	184	1908036	47.093	ng		100
78) Pyrene	19.566	202	3981423	48.716	ng		100
80) Butylbenzylphthalate	20.519	149	1878758	50.187	ng		96
81) Benzo(a)anthracene	21.477	228	3927926	46.947	ng		99
82) 3,3'-Dichlorobenzidine	21.401	252	1083650	32.624	ng		100
83) Chrysene	21.542	228	3732223	47.078	ng		99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2704452	50.423	ng		99
85) Di-n-octyl phthalate	22.636	149	4660187	49.294	ng		99
87) Indeno(1,2,3-cd)pyrene	28.495	276	5453869	48.924	ng	#	91
88) Benzo(b)fluoranthene	23.730	252	4168657	47.675	ng		98
89) Benzo(k)fluoranthene	23.801	252	4054783	45.557	ng		98
90) Benzo(a)pyrene	24.612	252	4026608	47.154	ng		99
91) Dibenzo(a,h)anthracene	28.559	278	4443108	48.966	ng		99
92) Benzo(g,h,i)perylene	29.647	276	4438842	49.304	ng		98

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

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