Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
Data File : BP025989.D
Acq On : 21 Oct 2025 16:57
Operator : RC/JU
Sample : Q3369-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-22MSD

Quant Time: Oct 21 17:20:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	146182	20.00	ng		0.00
21) Naphthalene-d8	10.460	136	530421	20.00	ng		0.00
39) Acenaphthene-d10	14.313	164	309617	20.00	ng		0.00
64) Phenanthrene-d10	17.119	188	591802	20.00	ng		0.00
76) Chrysene-d12	21.577	240	656925	20.00	ng		0.00
86) Perylene-d12	24.924	264	779834	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	989602	110.99	ng		0.00
7) Phenol-d6	6.908	99	1141343	91.73	ng		0.00
23) Nitrobenzene-d5	8.843	82	856589	72.59	ng		0.00
42) 2,4,6-Tribromophenol	15.842	330	464884	111.53	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	1817923	75.26	ng		-0.01
79) Terphenyl-d14	19.848	244	2711415	65.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	146663	41.53	ng	#	66
3) Pyridine	3.667	79	354297	35.95	ng		97
4) n-Nitrosodimethylamine	3.567	42	188849	43.72	ng		93
6) Aniline	7.043	93	213181	12.80	ng		98
8) 2-Chlorophenol	7.278	128	414519	40.12	ng		97
9) Benzaldehyde	6.861	77	173515	26.13	ng		98
10) Phenol	6.937	94	458734	36.52	ng		99
11) bis(2-Chloroethyl)ether	7.131	93	417528	40.76	ng		99
12) 1,3-Dichlorobenzene	7.584	146	473731	41.35	ng		99
13) 1,4-Dichlorobenzene	7.731	146	487980	41.81	ng		99
14) 1,2-Dichlorobenzene	8.043	146	455484	39.89	ng		99
15) Benzyl Alcohol	7.949	79	389341	36.76	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.207	45	631446	40.03	ng		99
17) 2-Methylphenol	8.160	107	328950	36.53	ng		99
18) Hexachloroethane	8.755	117	182964	41.08	ng		98
19) n-Nitroso-di-n-propyla...	8.496	70	322151	36.32	ng		97
20) 3+4-Methylphenols	8.490	107	432886	34.50	ng		93
22) Acetophenone	8.513	105	694369	48.15	ng	#	97
24) Nitrobenzene	8.884	77	473851	45.15	ng		99
25) Isophorone	9.407	82	866720	40.89	ng		98
26) 2-Nitrophenol	9.590	139	222999	43.88	ng		98
27) 2,4-Dimethylphenol	9.666	122	356494	41.39	ng		98
28) bis(2-Chloroethoxy)met...	9.878	93	533974	43.07	ng		97
29) 2,4-Dichlorophenol	10.160	162	370633	43.19	ng		99
30) 1,2,4-Trichlorobenzene	10.325	180	430820	44.35	ng		97
31) Naphthalene	10.507	128	1232485	43.07	ng		99
32) Benzoic acid	9.866	122	172419	27.63	ng		97
33) 4-Chloroaniline	10.660	127	68319	5.62	ng		98
34) Hexachlorobutadiene	10.784	225	290856	45.24	ng		99
35) Caprolactam	11.454	113	98876	32.38	ng		89
36) 4-Chloro-3-methylphenol	11.790	107	396826	39.39	ng		98
37) 2-Methylnaphthalene	12.119	142	771589	41.19	ng		98
38) 1-Methylnaphthalene	12.337	142	798461	40.41	ng		100
40) 1,2,4,5-Tetrachloroben...	12.496	216	537143	53.28	ng		99
41) Hexachlorocyclopentadiene	12.460	237	480511	80.80	ng		100
43) 2,4,6-Trichlorophenol	12.754	196	298324	46.62	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	314444	45.12	ng	97
46) 1,1'-Biphenyl	13.137	154	1199150	51.27	ng	99
47) 2-Chloronaphthalene	13.178	162	855218	46.77	ng	100
48) 2-Nitroaniline	13.413	65	264291	46.37	ng	100
49) Acenaphthylene	14.037	152	1355174	45.83	ng	100
50) Dimethylphthalate	13.772	163	1039587	44.42	ng	99
51) 2,6-Dinitrotoluene	13.895	165	225142	44.56	ng	96
52) Acenaphthene	14.378	154	762062	44.63	ng	100
53) 3-Nitroaniline	14.254	138	76758	15.25	ng	97
54) 2,4-Dinitrophenol	14.478	184	179887	54.26	ng	95
55) Dibenzofuran	14.725	168	1223113	44.74	ng	97
56) 4-Nitrophenol	14.631	139	233857	76.62	ng	89
57) 2,4-Dinitrotoluene	14.713	165	313456	45.78	ng	95
58) Fluorene	15.378	166	988904	45.01	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	277147	44.32	ng	100
60) Diethylphthalate	15.154	149	1054102	45.68	ng	99
61) 4-Chlorophenyl-phenyle...	15.372	204	507868	43.96	ng	99
62) 4-Nitroaniline	15.442	138	193437	41.48	ng	98
63) Azobenzene	15.672	77	979824	45.56	ng	99
65) 4,6-Dinitro-2-methylph...	15.495	198	170597	39.88	ng	96
66) n-Nitrosodiphenylamine	15.595	169	861396	45.24	ng	99
67) 4-Bromophenyl-phenylether	16.289	248	325252	44.53	ng	98
68) Hexachlorobenzene	16.401	284	360036	43.94	ng	96
69) Atrazine	16.578	200	334511	48.70	ng	99
70) Pentachlorophenol	16.778	266	437502	98.89	ng	97
71) Phenanthrene	17.160	178	1537320	45.83	ng	100
72) Anthracene	17.260	178	1572976	45.91	ng	99
73) Carbazole	17.548	167	1455949	48.21	ng	100
74) Di-n-butylphthalate	18.119	149	1884969	50.71	ng	99
75) Fluoranthene	19.260	202	1875170	49.56	ng	99
77) Benzidine	19.472	184	447484	21.26	ng	98
78) Pyrene	19.636	202	1965009	40.56	ng	100
80) Butylbenzylphthalate	20.577	149	895413	46.44	ng	99
81) Benzo(a)anthracene	21.554	228	2098499	46.71	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	358633	22.43	ng	98
83) Chrysene	21.624	228	1984605	46.20	ng	99
84) Bis(2-ethylhexyl)phtha...	21.471	149	1356956	50.98	ng	99
85) Di-n-octyl phthalate	22.736	149	2473836	54.43	ng	99
87) Indeno(1,2,3-cd)pyrene	28.730	276	2814901	47.92	ng	100
88) Benzo(b)fluoranthene	23.848	252	2178623	44.86	ng	99
89) Benzo(k)fluoranthene	23.924	252	2236003	45.36	ng	99
90) Benzo(a)pyrene	24.765	252	2160450	45.78	ng	99
91) Dibenzo(a,h)anthracene	28.789	278	2285619	47.73	ng	98
92) Benzo(g,h,i)perylene	29.918	276	2291593	48.84	ng	99

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

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