Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
Data File : BP025988.D
Acq On : 21 Oct 2025 16:17
Operator : RC/JU
Sample : Q3369-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-22MS

Quant Time: Oct 21 16:37:31 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	7.690	152	144297	20.00	ng		0.00
21) Naphthalene-d8	10.454	136	518198	20.00	ng		0.00
39) Acenaphthene-d10	14.319	164	305298	20.00	ng		0.00
64) Phenanthrene-d10	17.125	188	586181	20.00	ng		0.00
76) Chrysene-d12	21.577	240	680533	20.00	ng		0.00
86) Perylene-d12	24.907	264	819008	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	966158	109.78	ng		0.00
7) Phenol-d6	6.908	99	1121004	91.27	ng		0.00
23) Nitrobenzene-d5	8.843	82	839789	72.84	ng		0.00
42) 2,4,6-Tribromophenol	15.842	330	460173	111.96	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	1730997	72.67	ng		-0.01
79) Terphenyl-d14	19.848	244	2665682	62.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	139058	39.89	ng	#	64
3) Pyridine	3.667	79	347634	35.73	ng		98
4) n-Nitrosodimethylamine	3.567	42	187543	43.99	ng		96
6) Aniline	7.037	93	203335	12.37	ng		97
8) 2-Chlorophenol	7.278	128	406662	39.87	ng		98
9) Benzaldehyde	6.861	77	170644	26.04	ng		100
10) Phenol	6.931	94	449379	36.24	ng		97
11) bis(2-Chloroethyl)ether	7.125	93	397399	39.30	ng		98
12) 1,3-Dichlorobenzene	7.584	146	458219	40.52	ng		99
13) 1,4-Dichlorobenzene	7.725	146	468696	40.68	ng		98
14) 1,2-Dichlorobenzene	8.037	146	446306	39.60	ng		99
15) Benzyl Alcohol	7.949	79	383050	36.64	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.202	45	603318	38.75	ng		99
17) 2-Methylphenol	8.160	107	325712	36.64	ng		98
18) Hexachloroethane	8.749	117	175408	39.90	ng		97
19) n-Nitroso-di-n-propyla...	8.490	70	309163	35.31	ng		97
20) 3+4-Methylphenols	8.490	107	430484	34.76	ng	#	88
22) Acetophenone	8.513	105	670021	47.56	ng		98
24) Nitrobenzene	8.884	77	461049	44.97	ng		99
25) Isophorone	9.407	82	839483	40.54	ng		98
26) 2-Nitrophenol	9.590	139	219542	44.22	ng		99
27) 2,4-Dimethylphenol	9.660	122	345153	41.02	ng		97
28) bis(2-Chloroethoxy)met...	9.872	93	509196	42.04	ng		98
29) 2,4-Dichlorophenol	10.154	162	362816	43.28	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	413411	43.56	ng		96
31) Naphthalene	10.507	128	1183967	42.35	ng		99
32) Benzoic acid	9.866	122	207853	34.09	ng		93
33) 4-Chloroaniline	10.649	127	76481	6.44	ng		97
34) Hexachlorobutadiene	10.784	225	275906	43.93	ng		99
35) Caprolactam	11.454	113	101200	33.92	ng		91
36) 4-Chloro-3-methylphenol	11.790	107	394474	40.08	ng		99
37) 2-Methylnaphthalene	12.119	142	758222	41.43	ng		99
38) 1-Methylnaphthalene	12.337	142	777859	40.29	ng		99
40) 1,2,4,5-Tetrachloroben...	12.496	216	514213	51.72	ng		99
41) Hexachlorocyclopentadiene	12.466	237	479327	81.68	ng		99
43) 2,4,6-Trichlorophenol	12.754	196	291400	46.18	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	313949	45.69	ng		97
46) 1,1'-Biphenyl	13.143	154	1168302	50.66	ng		99
47) 2-Chloronaphthalene	13.184	162	815381	45.22	ng		98
48) 2-Nitroaniline	13.407	65	265107	47.17	ng		98
49) Acenaphthylene	14.042	152	1339202	45.93	ng		99
50) Dimethylphthalate	13.778	163	1012351	43.87	ng		99
51) 2,6-Dinitrotoluene	13.901	165	216911	43.54	ng		95
52) Acenaphthene	14.384	154	742671	44.11	ng		99
53) 3-Nitroaniline	14.254	138	84706	17.07	ng		96
54) 2,4-Dinitrophenol	14.478	184	206271	62.22	ng		96
55) Dibenzofuran	14.725	168	1188611	44.09	ng		97
56) 4-Nitrophenol	14.631	139	258614	85.93	ng		90
57) 2,4-Dinitrotoluene	14.713	165	309690	45.87	ng		94
58) Fluorene	15.384	166	970620	44.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.972	232	270726	43.91	ng		98
60) Diethylphthalate	15.154	149	1006976	44.26	ng		99
61) 4-Chlorophenyl-phenyle...	15.378	204	494026	43.37	ng		99
62) 4-Nitroaniline	15.437	138	191968	41.75	ng		96
63) Azobenzene	15.678	77	967780	45.63	ng		99
65) 4,6-Dinitro-2-methylph...	15.501	198	176387	41.63	ng		94
66) n-Nitrosodiphenylamine	15.595	169	835994	44.33	ng		100
67) 4-Bromophenyl-phenylether	16.289	248	315604	43.62	ng		96
68) Hexachlorobenzene	16.425	284	354673	43.70	ng		99
69) Atrazine	16.584	200	325439	47.83	ng		99
70) Pentachlorophenol	16.795	266	439269	100.25	ng		97
71) Phenanthrene	17.172	178	1488179	44.79	ng		99
72) Anthracene	17.266	178	1524287	44.92	ng		100
73) Carbazole	17.560	167	1454708	48.63	ng		100
74) Di-n-butylphthalate	18.130	149	1831607	49.75	ng		100
75) Fluoranthene	19.272	202	1865316	49.77	ng		99
77) Benzidine	19.472	184	505856	23.20	ng		100
78) Pyrene	19.648	202	1954147	38.93	ng		100
80) Butylbenzylphthalate	20.583	149	903906	45.25	ng		99
81) Benzo(a)anthracene	21.560	228	2145656	46.10	ng		100
82) 3,3'-Dichlorobenzidine	21.483	252	380572	22.98	ng		100
83) Chrysene	21.624	228	2024127	45.48	ng		99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1349016	48.92	ng		100
85) Di-n-octyl phthalate	22.736	149	2457517	52.19	ng		99
87) Indeno(1,2,3-cd)pyrene	28.706	276	2897368	46.96	ng	#	66
88) Benzo(b)fluoranthene	23.860	252	2240593	43.93	ng		99
89) Benzo(k)fluoranthene	23.930	252	2324443	44.90	ng		100
90) Benzo(a)pyrene	24.760	252	2202915	44.45	ng		100
91) Dibenzo(a,h)anthracene	28.777	278	2377766	47.28	ng		99
92) Benzo(g,h,i)perylene	29.889	276	2360850	47.91	ng		97

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

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