Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026065.D
Acq On : 03 Nov 2025 19:39
Operator : RC/JU
Sample : Q3519-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-01-103125MSD

Quant Time: Nov 03 23:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	434488	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	1767179	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	1076353	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	2130664	20.000	ng		0.00
76) Chrysene-d12	21.583	240	2199622	20.000	ng		0.02
86) Perylene-d12	24.912	264	2687814	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2191745	83.238	ng		0.00
7) Phenol-d6	6.860	99	2819830	84.138	ng		0.00
23) Nitrobenzene-d5	8.825	82	1585417	55.928	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	1065308	91.549	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	3514417	46.917	ng		0.00
79) Terphenyl-d14	19.866	244	4754427	43.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.237	88	340179	30.646	ng		98
3) Pyridine	3.631	79	928807	29.434	ng		97
4) n-Nitrosodimethylamine	3.537	42	442137	34.959	ng		95
6) Aniline	7.013	93	991069	22.157	ng		100
8) 2-Chlorophenol	7.255	128	1245555	42.718	ng		98
9) Benzaldehyde	6.831	77	659249	37.840	ng		97
10) Phenol	6.890	94	1493078	40.129	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	1074231	36.585	ng		100
12) 1,3-Dichlorobenzene	7.578	146	1294714	38.665	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1323047	39.079	ng		99
14) 1,2-Dichlorobenzene	8.031	146	1272823	39.399	ng		99
15) Benzyl Alcohol	7.913	79	977883	40.474	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.213	45	1528392	34.440	ng		97
17) 2-Methylphenol	8.119	107	1010010	41.456	ng		100
18) Hexachloroethane	8.754	117	439971	37.977	ng		98
19) n-Nitroso-di-n-propyla...	8.484	70	788883	37.920	ng		97
20) 3+4-Methylphenols	8.443	107	1372224	40.486	ng		99
22) Acetophenone	8.496	105	1705183	38.153	ng	#	97
24) Nitrobenzene	8.866	77	1184405	39.572	ng		98
25) Isophorone	9.390	82	2266249	37.350	ng		100
26) 2-Nitrophenol	9.572	139	608822	54.858	ng		94
27) 2,4-Dimethylphenol	9.631	122	1112825	43.614	ng		98
28) bis(2-Chloroethoxy)met...	9.872	93	1409867	36.870	ng		99
29) 2,4-Dichlorophenol	10.107	162	1165750	43.271	ng		100
30) 1,2,4-Trichlorobenzene	10.319	180	1204448	41.132	ng		98
31) Naphthalene	10.507	128	3657312	37.952	ng		100
32) Benzoic acid	9.784	122	953732	57.569	ng		95
33) 4-Chloroaniline	10.607	127	687183	18.557	ng		99
34) Hexachlorobutadiene	10.801	225	736307	39.569	ng		99
35) Caprolactam	11.384	113	370302	39.141	ng		91
36) 4-Chloro-3-methylphenol	11.743	107	1180321	41.794	ng		97
37) 2-Methylnaphthalene	12.125	142	2362079	35.021	ng		99
38) 1-Methylnaphthalene	12.337	142	2425640	37.018	ng		98
40) 1,2,4,5-Tetrachloroben...	12.495	216	1350326	40.376	ng		99
41) Hexachlorocyclopentadiene	12.484	237	434056	35.473	ng		98
43) 2,4,6-Trichlorophenol	12.731	196	915137	46.294	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	1013203	44.919	ng		97
46) 1,1'-Biphenyl	13.142	154	3268659	39.660	ng		99
47) 2-Chloronaphthalene	13.184	162	2506483	38.653	ng		98
48) 2-Nitroaniline	13.378	65	704539	42.569	ng		97
49) Acenaphthylene	14.037	152	4306531	45.566	ng		100
50) Dimethylphthalate	13.778	163	2964977	37.871	ng		100
51) 2,6-Dinitrotoluene	13.889	165	623260	42.971	ng		93
52) Acenaphthene	14.389	154	2411728	37.170	ng		99
53) 3-Nitroaniline	14.219	138	539153	31.525	ng		97
54) 2,4-Dinitrophenol	14.431	184	363694	59.654	ng		96
55) Dibenzofuran	14.725	168	3734495	38.096	ng		100
56) 4-Nitrophenol	14.542	139	1262645	80.877	ng		97
57) 2,4-Dinitrotoluene	14.684	165	872412	41.099	ng		95
58) Fluorene	15.383	166	2971826	38.695	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	847571	47.791	ng		99
60) Diethylphthalate	15.172	149	2983374	37.903	ng		100
61) 4-Chlorophenyl-phenyle...	15.389	204	1421987	37.077	ng		99
62) 4-Nitroaniline	15.395	138	641825	38.364	ng		97
63) Azobenzene	15.683	77	2889186	40.502	ng		96
65) 4,6-Dinitro-2-methylph...	15.466	198	251442	32.668	ng		97
66) n-Nitrosodiphenylamine	15.607	169	2580916	38.742	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	924691	39.125	ng		98
68) Hexachlorobenzene	16.425	284	1084841	40.321	ng		98
69) Atrazine	16.583	200	943595	41.988	ng		97
70) Pentachlorophenol	16.772	266	1553999	94.559	ng		100
71) Phenanthrene	17.178	178	5614319	45.271	ng		99
72) Anthracene	17.266	178	5025296	40.879	ng		99
73) Carbazole	17.542	167	4449828	38.240	ng		100
74) Di-n-butylphthalate	18.154	149	5167408	39.685	ng		99
75) Fluoranthene	19.272	202	8242666	56.977	ng		98
77) Benzidine	19.460	184	1995226	35.736	ng		99
78) Pyrene	19.648	202	8195235	55.087	ng		98
80) Butylbenzylphthalate	20.607	149	2416052	43.817	ng		99
81) Benzo(a)anthracene	21.566	228	7485324	49.522	ng		98
82) 3,3'-Dichlorobenzidine	21.483	252	1677035	34.436	ng		98
83) Chrysene	21.630	228	6878773	48.042	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	3575055	40.743	ng	#	98
85) Di-n-octyl phthalate	22.813	149	6322827	48.288	ng		96
87) Indeno(1,2,3-cd)pyrene	28.730	276	8833573	44.517	ng	#	92
88) Benzo(b)fluoranthene	23.877	252	8294695	49.711	ng		98
89) Benzo(k)fluoranthene	23.942	252	7087606	41.596	ng		99
90) Benzo(a)pyrene	24.765	252	7654330	49.933	ng		99
91) Dibenzo(a,h)anthracene	28.795	278	6289586	38.949	ng		99
92) Benzo(g,h,i)perylene	29.889	276	7507368	48.312	ng		97

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

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