Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026061.D
Acq On : 03 Nov 2025 16:54
Operator : RC/JU
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1025-2MS

Quant Time: Nov 03 17:14:42 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	230344	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	913499	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	573692	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	1154142	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1320577	20.000	ng		0.01
86) Perylene-d12	24.889	264	1554006	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1034800	74.129	ng		0.00
7) Phenol-d6	6.855	99	1315612	74.046	ng		0.00
23) Nitrobenzene-d5	8.819	82	718062	49.003	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	502803	81.069	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	1719470	43.067	ng		0.00
79) Terphenyl-d14	19.860	244	2808520	43.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	245654	41.743	ng		98
3) Pyridine	3.619	79	653591	39.069	ng		99
4) n-Nitrosodimethylamine	3.531	42	305989	45.637	ng		94
6) Aniline	7.013	93	741914	31.287	ng		99
8) 2-Chlorophenol	7.249	128	767520	49.652	ng		97
9) Benzaldehyde	6.831	77	421669	45.654	ng		95
10) Phenol	6.884	94	939790	47.644	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	686866	44.124	ng		100
12) 1,3-Dichlorobenzene	7.572	146	815209	45.921	ng		99
13) 1,4-Dichlorobenzene	7.719	146	834769	46.508	ng		98
14) 1,2-Dichlorobenzene	8.037	146	796735	46.519	ng		98
15) Benzyl Alcohol	7.913	79	621325	48.507	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.202	45	974973	41.441	ng		98
17) 2-Methylphenol	8.119	107	624055	48.315	ng		98
18) Hexachloroethane	8.755	117	285850	46.541	ng		97
19) n-Nitroso-di-n-propyla...	8.478	70	495360	44.913	ng		97
20) 3+4-Methylphenols	8.437	107	851879	47.409	ng		98
22) Acetophenone	8.490	105	1062156	45.975	ng	#	97
24) Nitrobenzene	8.860	77	731015	47.248	ng		98
25) Isophorone	9.390	82	1416601	45.165	ng		99
26) 2-Nitrophenol	9.566	139	367075	63.539	ng		96
27) 2,4-Dimethylphenol	9.631	122	712048	53.986	ng		100
28) bis(2-Chloroethoxy)met...	9.866	93	890244	45.038	ng		100
29) 2,4-Dichlorophenol	10.102	162	706461	50.728	ng		99
30) 1,2,4-Trichlorobenzene	10.313	180	727408	48.056	ng		97
31) Naphthalene	10.501	128	2237445	44.915	ng		100
32) Benzoic acid	9.749	122	560751	63.086	ng		96
33) 4-Chloroaniline	10.601	127	319591	16.695	ng		99
34) Hexachlorobutadiene	10.807	225	437061	45.437	ng		99
35) Caprolactam	11.372	113	241440	49.370	ng		95
36) 4-Chloro-3-methylphenol	11.737	107	740711	50.738	ng		99
37) 2-Methylnaphthalene	12.125	142	1421190	40.762	ng		99
38) 1-Methylnaphthalene	12.348	142	1485088	43.844	ng		98
40) 1,2,4,5-Tetrachloroben...	12.495	216	802007	44.992	ng		99
41) Hexachlorocyclopentadiene	12.484	237	921688	141.321	ng		97
43) 2,4,6-Trichlorophenol	12.737	196	565547	53.677	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	621732	51.714	ng	97
46) 1,1'-Biphenyl	13.148	154	2025270	46.104	ng	100
47) 2-Chloronaphthalene	13.184	162	1550279	44.855	ng	99
48) 2-Nitroaniline	13.378	65	443914	49.793	ng	100
49) Acenaphthylene	14.042	152	2662846	52.861	ng	100
50) Dimethylphthalate	13.778	163	1989156	47.668	ng	100
51) 2,6-Dinitrotoluene	13.884	165	406367	51.897	ng	98
52) Acenaphthene	14.384	154	1475483	42.666	ng	99
53) 3-Nitroaniline	14.213	138	280213	30.806	ng	98
54) 2,4-Dinitrophenol	14.425	184	430227	103.707	ng	97
55) Dibenzofuran	14.725	168	2405190	46.033	ng	99
56) 4-Nitrophenol	14.531	139	889709	106.923	ng	98
57) 2,4-Dinitrotoluene	14.684	165	582363	50.694	ng	96
58) Fluorene	15.389	166	1891035	46.197	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	553544	58.559	ng	99
60) Diethylphthalate	15.166	149	1996178	47.582	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	927006	45.349	ng	100
62) 4-Nitroaniline	15.389	138	461643	51.771	ng	94
63) Azobenzene	15.684	77	1915280	50.375	ng	98
65) 4,6-Dinitro-2-methylph...	15.466	198	290971	58.360	ng	95
66) n-Nitrosodiphenylamine	15.601	169	1717820	47.604	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	595137	46.486	ng	99
68) Hexachlorobenzene	16.413	284	685540	47.038	ng	98
69) Atrazine	16.584	200	650082	53.402	ng	99
70) Pentachlorophenol	16.766	266	996902	111.985	ng	100
71) Phenanthrene	17.172	178	3106348	46.241	ng	100
72) Anthracene	17.260	178	3217289	48.315	ng	100
73) Carbazole	17.536	167	3089675	49.016	ng	100
74) Di-n-butylphthalate	18.148	149	3658234	51.866	ng	99
75) Fluoranthene	19.260	202	3795608	48.436	ng	99
77) Benzidine	19.454	184	2267672	67.652	ng	99
78) Pyrene	19.636	202	3918450	43.872	ng	100
80) Butylbenzylphthalate	20.601	149	1795165	53.421	ng	98
81) Benzo(a)anthracene	21.554	228	4277522	47.137	ng	100
82) 3,3'-Dichlorobenzidine	21.471	252	1241377	42.457	ng	99
83) Chrysene	21.619	228	3977445	46.270	ng	99
84) Bis(2-ethylhexyl)phtha...	21.519	149	2741453	51.320	ng	99
85) Di-n-octyl phthalate	22.795	149	4878166	62.054	ng	97
87) Indeno(1,2,3-cd)pyrene	28.659	276	5622542	49.008	ng	98
88) Benzo(b)fluoranthene	23.842	252	4477746	46.415	ng	100
89) Benzo(k)fluoranthene	23.907	252	4571470	46.404	ng	100
90) Benzo(a)pyrene	24.730	252	4396054	49.601	ng	99
91) Dibenzo(a,h)anthracene	28.748	278	4613090	49.410	ng	100
92) Benzo(g,h,i)perylene	29.830	276	4530380	50.425	ng	99

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

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