Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102925\
Data File : BP026034.D
Acq On : 29 Oct 2025 13:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Oct 29 18:08:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 15:29:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	294204	20.000	ng		0.00
21) Naphthalene-d8	10.448	136	1188234	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	740246	20.000	ng		0.00
64) Phenanthrene-d10	17.125	188	1468570	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1519622	20.000	ng		0.02
86) Perylene-d12	24.895	264	1658930	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2326169	130.467	ng		0.00
7) Phenol-d6	6.855	99	2901394	127.851	ng		0.00
23) Nitrobenzene-d5	8.825	82	2556249	134.112	ng		0.00
42) 2,4,6-Tribromophenol	15.842	330	1109676	138.661	ng		0.01
45) 2-Fluorobiphenyl	12.931	172	6359685	123.451	ng		0.00
79) Terphenyl-d14	19.871	244	9289969	124.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.243	88	477216	63.490	ng		99
3) Pyridine	3.625	79	1369619	64.099	ng		99
4) n-Nitrosodimethylamine	3.543	42	538920	62.930	ng		96
6) Aniline	7.019	93	1904638	62.886	ng		99
8) 2-Chlorophenol	7.255	128	1304563	66.075	ng		99
9) Benzaldehyde	6.831	77	702436	59.544	ng		99
10) Phenol	6.884	94	1609307	63.877	ng		99
11) bis(2-Chloroethyl)ether	7.113	93	1252563	62.998	ng		99
12) 1,3-Dichlorobenzene	7.578	146	1421445	62.690	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1441195	62.866	ng		99
14) 1,2-Dichlorobenzene	8.031	146	1368134	62.542	ng		98
15) Benzyl Alcohol	7.913	79	1040602	63.606	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1838598	61.185	ng		99
17) 2-Methylphenol	8.113	107	1068062	64.741	ng		99
18) Hexachloroethane	8.754	117	501286	63.902	ng		98
19) n-Nitroso-di-n-propyla...	8.484	70	904719	64.223	ng		97
20) 3+4-Methylphenols	8.437	107	1452480	63.287	ng		99
22) Acetophenone	8.490	105	1872894	62.324	ng	#	99
24) Nitrobenzene	8.866	77	1321111	65.646	ng		99
25) Isophorone	9.384	82	2601391	63.763	ng		99
27) 2,4-Dimethylphenol	9.625	122	1124076	65.520	ng		98
28) bis(2-Chloroethoxy)met...	9.872	93	1608539	62.561	ng		99
29) 2,4-Dichlorophenol	10.096	162	1213575	66.994	ng		100
30) 1,2,4-Trichlorobenzene	10.313	180	1238545	62.905	ng		98
31) Naphthalene	10.501	128	4053338	62.555	ng		100
32) Benzoic acid	9.766	122	733177	63.317	ng		97
33) 4-Chloroaniline	10.601	127	1586613	63.721	ng		99
34) Hexachlorobutadiene	10.790	225	792964	63.376	ng		99
35) Caprolactam	11.372	113	414253	65.121	ng		93
36) 4-Chloro-3-methylphenol	11.725	107	1268077	66.778	ng		100
37) 2-Methylnaphthalene	12.113	142	2826130	62.316	ng		100
38) 1-Methylnaphthalene	12.337	142	2744994	62.303	ng		99
40) 1,2,4,5-Tetrachloroben...	12.490	216	1452519	63.152	ng		100
41) Hexachlorocyclopentadiene	12.478	237	577139	68.581	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	947367	69.685	ng		99
44) 2,4,5-Trichlorophenol	12.795	196	1042039	67.173	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.137	154	3519299	62.090	ng	100
47) 2-Chloronaphthalene	13.178	162	2781932	62.380	ng	98
48) 2-Nitroaniline	13.378	65	737734	64.505	ng	98
49) Acenaphthylene	14.037	152	4167114	64.110	ng	100
50) Dimethylphthalate	13.778	163	3449991	64.073	ng	100
51) 2,6-Dinitrotoluene	13.878	165	652327	64.811	ng	99
52) Acenaphthene	14.389	154	2837620	63.592	ng	99
53) 3-Nitroaniline	14.213	138	780369	63.434	ng	99
54) 2,4-Dinitrophenol	14.425	184	274254	63.744	ng	95
55) Dibenzofuran	14.725	168	4183126	62.047	ng	100
56) 4-Nitrophenol	14.525	139	688114	64.089	ng	99
57) 2,4-Dinitrotoluene	14.684	165	961200	65.768	ng	95
58) Fluorene	15.383	166	3313648	62.737	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	858179	70.360	ng	100
60) Diethylphthalate	15.172	149	3534128	65.288	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1640879	62.210	ng	99
62) 4-Nitroaniline	15.401	138	817496	71.051	ng	99
63) Azobenzene	15.689	77	3079138	62.764	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	420911	64.124	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2901612	63.193	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	1043905	64.082	ng	98
68) Hexachlorobenzene	16.419	284	1180264	63.645	ng	100
69) Atrazine	16.595	200	1050788	67.838	ng	98
70) Pentachlorophenol	16.760	266	783472	69.166	ng	99
71) Phenanthrene	17.172	178	5263383	61.576	ng	99
72) Anthracene	17.266	178	5375909	63.447	ng	100
73) Carbazole	17.542	167	5059908	63.086	ng	100
74) Di-n-butylphthalate	18.154	149	6072603	67.663	ng	100
75) Fluoranthene	19.266	202	6263426	62.816	ng	99
77) Benzidine	19.454	184	2726283	70.680	ng	100
78) Pyrene	19.648	202	6521771	63.454	ng	99
80) Butylbenzylphthalate	20.613	149	2549176	65.127	ng	97
81) Benzo(a)anthracene	21.566	228	6577757	62.991	ng	99
82) 3,3'-Dichlorobenzidine	21.477	252	2266707	67.371	ng	100
83) Chrysene	21.630	228	6150315	62.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	3949393	62.903	ng	99
85) Di-n-octyl phthalate	22.807	149	6415656	70.922	ng	99
87) Indeno(1,2,3-cd)pyrene	28.665	276	8109098	66.237	ng	99
88) Benzo(b)fluoranthene	23.848	252	6695122	65.011	ng	100
89) Benzo(k)fluoranthene	23.912	252	6702900	63.737	ng	99
90) Benzo(a)pyrene	24.736	252	6233786	65.888	ng	99
91) Dibenzo(a,h)anthracene	28.759	278	6571045	65.929	ng	100
92) Benzo(g,h,i)perylene	29.830	276	6265775	65.331	ng	99

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

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