Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110325\
Data File : BP026053.D
Acq On : 03 Nov 2025 11:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Nov 03 11:33:23 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	7.649	152	297452	20.000	ng	-0.04
21) Naphthalene-d8	10.425	136	1230692	20.000	ng	-0.03
39) Acenaphthene-d10	14.301	164	771148	20.000	ng	-0.02
64) Phenanthrene-d10	17.125	188	1552564	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1613817	20.000	ng	0.00
86) Perylene-d12	24.877	264	1763249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.261	112	1447651	80.308	ng	-0.04
7) Phenol-d6	6.819	99	1879097	81.899	ng	-0.04
23) Nitrobenzene-d5	8.784	82	1655613	83.864	ng	-0.04
42) 2,4,6-Tribromophenol	15.825	330	664210	79.671	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	4283094	79.809	ng	-0.02
79) Terphenyl-d14	19.866	244	6466975	81.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	314245	41.352	ng	99
3) Pyridine	3.602	79	900604	41.689	ng	98
4) n-Nitrosodimethylamine	3.514	42	356772	41.206	ng	98
6) Aniline	6.978	93	1255272	40.993	ng	100
8) 2-Chlorophenol	7.213	128	811625	40.660	ng	100
9) Benzaldehyde	6.796	77	417932	35.040	ng	99
10) Phenol	6.843	94	1029773	40.428	ng	100
11) bis(2-Chloroethyl)ether	7.072	93	836070	41.591	ng	98
12) 1,3-Dichlorobenzene	7.537	146	945897	41.262	ng	100
13) 1,4-Dichlorobenzene	7.684	146	949644	40.972	ng	99
14) 1,2-Dichlorobenzene	7.996	146	901561	40.763	ng	98
15) Benzyl Alcohol	7.878	79	659007	39.842	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.166	45	1274894	41.963	ng	100
17) 2-Methylphenol	8.078	107	685698	41.110	ng	99
18) Hexachloroethane	8.725	117	317888	40.081	ng	98
19) n-Nitroso-di-n-propyla...	8.443	70	606891	42.611	ng	97
20) 3+4-Methylphenols	8.402	107	927767	39.983	ng	98
22) Acetophenone	8.455	105	1270454	40.818	ng	99
24) Nitrobenzene	8.825	77	864798	41.489	ng	100
25) Isophorone	9.360	82	1745149	41.300	ng	100
26) 2-Nitrophenol	9.531	139	304900	40.201	ng	97
27) 2,4-Dimethylphenol	9.602	122	707520	39.817	ng	99
28) bis(2-Chloroethoxy)met...	9.831	93	1086823	40.812	ng	99
29) 2,4-Dichlorophenol	10.072	162	759262	40.468	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	826394	40.524	ng	98
31) Naphthalene	10.472	128	2708813	40.363	ng	100
32) Benzoic acid	9.719	122	406842	40.287	ng	99
33) 4-Chloroaniline	10.572	127	1059245	41.073	ng	100
34) Hexachlorobutadiene	10.772	225	510044	39.358	ng	100
35) Caprolactam	11.343	113	266312	40.420	ng	96
36) 4-Chloro-3-methylphenol	11.713	107	820348	41.710	ng	96
37) 2-Methylnaphthalene	12.101	142	1883967	40.108	ng	99
38) 1-Methylnaphthalene	12.319	142	1853656	40.621	ng	100
40) 1,2,4,5-Tetrachloroben...	12.472	216	947227	39.533	ng	100
41) Hexachlorocyclopentadiene	12.460	237	357331	40.760	ng	96
43) 2,4,6-Trichlorophenol	12.707	196	587266	41.466	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.784	196	673132	41.653	ng		97
46) 1,1'-Biphenyl	13.131	154	2403856	40.711	ng		99
47) 2-Chloronaphthalene	13.160	162	1870666	40.266	ng		99
48) 2-Nitroaniline	13.354	65	459878	39.043	ng		97
49) Acenaphthylene	14.019	152	2778493	41.034	ng		99
50) Dimethylphthalate	13.760	163	2265312	40.386	ng		100
51) 2,6-Dinitrotoluene	13.866	165	402708	39.047	ng		96
52) Acenaphthene	14.366	154	1905089	40.983	ng		99
53) 3-Nitroaniline	14.195	138	505979	40.477	ng		98
54) 2,4-Dinitrophenol	14.407	184	176825	44.809	ng		97
55) Dibenzofuran	14.707	168	2818741	40.134	ng		100
56) 4-Nitrophenol	14.507	139	426445	38.126	ng		94
57) 2,4-Dinitrotoluene	14.666	165	604639	39.858	ng		98
58) Fluorene	15.378	166	2248602	40.866	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.942	232	526708	41.453	ng		99
60) Diethylphthalate	15.154	149	2296000	40.716	ng		99
61) 4-Chlorophenyl-phenyle...	15.372	204	1114438	40.558	ng		100
62) 4-Nitroaniline	15.384	138	538250	44.906	ng		97
63) Azobenzene	15.678	77	2117253	41.428	ng		99
65) 4,6-Dinitro-2-methylph...	15.454	198	256279	42.409	ng		99
66) n-Nitrosodiphenylamine	15.589	169	1971204	40.607	ng		99
67) 4-Bromophenyl-phenylether	16.295	248	698840	40.578	ng		99
68) Hexachlorobenzene	16.407	284	776612	39.612	ng		99
69) Atrazine	16.578	200	649090	39.638	ng		98
70) Pentachlorophenol	16.766	266	468280	39.104	ng		99
71) Phenanthrene	17.166	178	3609118	39.938	ng		99
72) Anthracene	17.254	178	3643926	40.679	ng		100
73) Carbazole	17.536	167	3495591	41.224	ng		100
74) Di-n-butylphthalate	18.148	149	3873926	40.829	ng		100
75) Fluoranthene	19.266	202	4285797	40.657	ng		99
77) Benzidine	19.454	184	1415964	34.567	ng		99
78) Pyrene	19.642	202	4481226	41.056	ng		100
80) Butylbenzylphthalate	20.607	149	1547745	38.689	ng		98
81) Benzo(a)anthracene	21.548	228	4525063	40.804	ng		100
82) 3,3'-Dichlorobenzidine	21.477	252	1468580	41.101	ng		100
83) Chrysene	21.624	228	4273359	40.679	ng		99
84) Bis(2-ethylhexyl)phtha...	21.519	149	2468157	38.492	ng		100
85) Di-n-octyl phthalate	22.807	149	3969888	41.324	ng		99
87) Indeno(1,2,3-cd)pyrene	28.659	276	5399335	41.477	ng	#	93
88) Benzo(b)fluoranthene	23.848	252	4501948	41.128	ng		99
89) Benzo(k)fluoranthene	23.907	252	4518935	40.428	ng		100
90) Benzo(a)pyrene	24.724	252	4164029	41.408	ng		99
91) Dibenzo(a,h)anthracene	28.742	278	4373466	41.284	ng		98
92) Benzo(g,h,i)perylene	29.818	276	4182266	41.027	ng		99

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

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