Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061625\
Data File : BP024955.D
Acq On : 16 Jun 2025 10:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jun 16 11:32:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	341708	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1528778	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	1015420	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1979534	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1770484	20.000	ng	0.00
86) Perylene-d12	24.754	264	1626842	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1592084	77.771	ng	0.00
7) Phenol-d6	6.819	99	2214510	81.759	ng	0.00
23) Nitrobenzene-d5	8.766	82	2413526	76.715	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1155233	82.289	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	5793898	76.866	ng	0.00
79) Terphenyl-d14	19.783	244	8375823	84.788	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	319251	35.442	ng	99
3) Pyridine	3.567	79	860080	39.704	ng	99
4) n-Nitrosodimethylamine	3.478	42	330512	37.320	ng	98
6) Aniline	6.949	93	1445360	41.815	ng	99
8) 2-Chlorophenol	7.190	128	944235	40.687	ng	98
9) Benzaldehyde	6.766	77	645819	41.367	ng	99
10) Phenol	6.849	94	1151140	41.226	ng	97
11) bis(2-Chloroethyl)ether	7.049	93	907348	41.315	ng	99
12) 1,3-Dichlorobenzene	7.496	146	993450	38.373	ng	98
13) 1,4-Dichlorobenzene	7.643	146	1017076	38.935	ng	99
14) 1,2-Dichlorobenzene	7.955	146	975399	38.026	ng	99
15) Benzyl Alcohol	7.861	79	888585	42.746	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1166457	40.580	ng	99
17) 2-Methylphenol	8.072	107	806433	41.359	ng	99
18) Hexachloroethane	8.666	117	373852	38.014	ng	98
19) n-Nitroso-di-n-propyla...	8.413	70	781338	42.434	ng	99
20) 3+4-Methylphenols	8.402	107	1103601	41.485	ng	98
22) Acetophenone	8.431	105	1501308	38.869	ng	98
24) Nitrobenzene	8.808	77	1071421	38.334	ng	97
25) Isophorone	9.325	82	2226073	40.827	ng	99
26) 2-Nitrophenol	9.507	139	583004	42.276	ng	97
27) 2,4-Dimethylphenol	9.578	122	955817	40.498	ng	99
28) bis(2-Chloroethoxy)met...	9.802	93	1307914	40.213	ng	99
29) 2,4-Dichlorophenol	10.055	162	915262	40.417	ng	100
30) 1,2,4-Trichlorobenzene	10.249	180	965186	37.788	ng	98
31) Naphthalene	10.425	128	3020437	38.553	ng	99
32) Benzoic acid	9.790	122	673452	42.226	ng	99
33) 4-Chloroaniline	10.549	127	1367389	41.659	ng	99
34) Hexachlorobutadiene	10.707	225	606291	39.384	ng	98
35) Caprolactam	11.366	113	344382	41.313	ng	96
36) 4-Chloro-3-methylphenol	11.707	107	1078830	41.303	ng	99
37) 2-Methylnaphthalene	12.049	142	2004854	40.343	ng	99
38) 1-Methylnaphthalene	12.266	142	2136154	40.206	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	1115350	38.710	ng	99
41) Hexachlorocyclopentadiene	12.390	237	572941	32.601	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	792945	40.979	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	861373	41.567	ng		99
46) 1,1'-Biphenyl	13.066	154	2880950	39.041	ng		100
47) 2-Chloronaphthalene	13.113	162	2207673	38.925	ng		100
48) 2-Nitroaniline	13.337	65	697341	39.993	ng		93
49) Acenaphthylene	13.972	152	3668053	38.788	ng		99
50) Dimethylphthalate	13.713	163	2911086	38.863	ng		100
51) 2,6-Dinitrotoluene	13.843	165	642200	39.769	ng		96
52) Acenaphthene	14.313	154	2111561	38.966	ng		99
53) 3-Nitroaniline	14.184	138	689630	41.153	ng		96
54) 2,4-Dinitrophenol	14.407	184	356428	37.103	ng		95
55) Dibenzofuran	14.660	168	3334455	38.334	ng		100
56) 4-Nitrophenol	14.554	139	451154	35.060	ng		98
57) 2,4-Dinitrotoluene	14.648	165	912813	40.410	ng		98
58) Fluorene	15.325	166	2741833	39.020	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	741492	40.048	ng		98
60) Diethylphthalate	15.101	149	2939370	39.374	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	1356714	39.488	ng		97
62) 4-Nitroaniline	15.372	138	658434	43.333	ng		93
63) Azobenzene	15.613	77	2683254	39.191	ng		99
65) 4,6-Dinitro-2-methylph...	15.442	198	521417	40.086	ng		96
66) n-Nitrosodiphenylamine	15.542	169	2385766	38.884	ng		99
67) 4-Bromophenyl-phenylether	16.231	248	888928	39.799	ng		98
68) Hexachlorobenzene	16.348	284	1065227	39.340	ng		99
69) Atrazine	16.525	200	859889	38.659	ng		99
70) Pentachlorophenol	16.719	266	606825	43.302	ng		99
71) Phenanthrene	17.101	178	4164381	38.069	ng		99
72) Anthracene	17.195	178	4246278	38.328	ng		99
73) Carbazole	17.484	167	3881964	37.803	ng		100
74) Di-n-butylphthalate	18.060	149	5016336	39.427	ng		99
75) Fluoranthene	19.189	202	4669754	36.831	ng		99
77) Benzidine	19.389	184	2285233	41.675	ng		100
78) Pyrene	19.566	202	4799596	43.392	ng		100
80) Butylbenzylphthalate	20.513	149	2039328	40.251	ng		97
81) Benzo(a)anthracene	21.477	228	4329650	38.235	ng		99
82) 3,3'-Dichlorobenzidine	21.395	252	1638479	36.447	ng		99
83) Chrysene	21.536	228	4014163	37.412	ng		99
84) Bis(2-ethylhexyl)phtha...	21.401	149	2648132	36.480	ng		99
85) Di-n-octyl phthalate	22.642	149	4074061	31.841	ng		99
87) Indeno(1,2,3-cd)pyrene	28.471	276	4261056	35.898	ng	#	93
88) Benzo(b)fluoranthene	23.736	252	3785066	40.654	ng		99
89) Benzo(k)fluoranthene	23.795	252	3765192	39.729	ng		99
90) Benzo(a)pyrene	24.607	252	3519545	38.708	ng		100
91) Dibenzo(a,h)anthracene	28.530	278	3482161	36.041	ng		100
92) Benzo(g,h,i)perylene	29.624	276	3424319	35.721	ng		98

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

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