Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025014.D
Acq On : 20 Jun 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jun 20 13:04:19 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	7.602	152	262268	20.000	ng	-0.01
21) Naphthalene-d8	10.378	136	1075072	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	709290	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1397091	20.000	ng	0.00
76) Chrysene-d12	21.507	240	1556912	20.000	ng	0.02
86) Perylene-d12	24.783	264	1850155	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1246940	79.361	ng	0.00
7) Phenol-d6	6.814	99	1597528	76.845	ng	0.00
23) Nitrobenzene-d5	8.761	82	1657300	74.910	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	812937	82.899	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	4058443	77.080	ng	0.00
79) Terphenyl-d14	19.795	244	6610545	76.098	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	251391	36.362	ng	99
3) Pyridine	3.561	79	630465	37.919	ng	99
4) n-Nitrosodimethylamine	3.478	42	242157	35.625	ng	92
6) Aniline	6.949	93	1030882	38.857	ng	99
8) 2-Chlorophenol	7.184	128	696442	39.100	ng	99
9) Benzaldehyde	6.766	77	461683	38.530	ng	98
10) Phenol	6.837	94	822751	38.391	ng	98
11) bis(2-Chloroethyl)ether	7.037	93	647667	38.424	ng	99
12) 1,3-Dichlorobenzene	7.490	146	768235	38.662	ng	99
13) 1,4-Dichlorobenzene	7.637	146	783958	39.102	ng	99
14) 1,2-Dichlorobenzene	7.949	146	743351	37.757	ng	100
15) Benzyl Alcohol	7.861	79	617349	38.693	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.119	45	811987	36.805	ng	99
17) 2-Methylphenol	8.072	107	566616	37.861	ng	97
18) Hexachloroethane	8.661	117	283845	37.604	ng	97
19) n-Nitroso-di-n-propyla...	8.408	70	533817	37.772	ng	98
20) 3+4-Methylphenols	8.402	107	774527	37.934	ng	95
22) Acetophenone	8.425	105	1057301	38.926	ng	99
24) Nitrobenzene	8.802	77	744191	37.863	ng	98
25) Isophorone	9.325	82	1483781	38.697	ng	98
26) 2-Nitrophenol	9.508	139	396474	40.883	ng	97
27) 2,4-Dimethylphenol	9.584	122	652834	39.334	ng	98
28) bis(2-Chloroethoxy)met...	9.796	93	891950	38.997	ng	99
29) 2,4-Dichlorophenol	10.066	162	641692	40.295	ng	100
30) 1,2,4-Trichlorobenzene	10.243	180	699191	38.927	ng	99
31) Naphthalene	10.425	128	2136364	38.777	ng	100
32) Benzoic acid	9.778	122	443935	39.582	ng	98
33) 4-Chloroaniline	10.560	127	933535	40.444	ng	99
34) Hexachlorobutadiene	10.702	225	431800	39.887	ng	100
35) Caprolactam	11.366	113	234938	40.078	ng	93
36) 4-Chloro-3-methylphenol	11.707	107	721019	39.253	ng	99
37) 2-Methylnaphthalene	12.043	142	1386324	39.669	ng	99
38) 1-Methylnaphthalene	12.266	142	1466078	39.240	ng	98
40) 1,2,4,5-Tetrachloroben...	12.419	216	782057	38.857	ng	99
41) Hexachlorocyclopentadiene	12.390	237	526341	42.876	ng	99
43) 2,4,6-Trichlorophenol	12.684	196	531138	39.296	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	576436	39.823	ng	97
46) 1,1'-Biphenyl	13.072	154	1999972	38.800	ng	98
47) 2-Chloronaphthalene	13.113	162	1538219	38.827	ng	100
48) 2-Nitroaniline	13.343	65	452141	37.123	ng	93
49) Acenaphthylene	13.972	152	2564671	38.826	ng	100
50) Dimethylphthalate	13.713	163	1993032	38.091	ng	100
51) 2,6-Dinitrotoluene	13.837	165	442160	39.199	ng	99
52) Acenaphthene	14.313	154	1469263	38.816	ng	99
53) 3-Nitroaniline	14.184	138	465074	39.731	ng	97
54) 2,4-Dinitrophenol	14.419	184	311094	44.973	ng	94
55) Dibenzofuran	14.660	168	2348939	38.659	ng	100
56) 4-Nitrophenol	14.560	139	489028	51.420	ng	95
57) 2,4-Dinitrotoluene	14.654	165	623745	39.531	ng	95
58) Fluorene	15.319	166	1896585	38.640	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	525403	40.625	ng	97
60) Diethylphthalate	15.090	149	2034149	39.009	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	942350	39.266	ng	96
62) 4-Nitroaniline	15.378	138	456962	43.054	ng	93
63) Azobenzene	15.613	77	1797260	37.580	ng	97
65) 4,6-Dinitro-2-methylph...	15.437	198	357458	38.938	ng	99
66) n-Nitrosodiphenylamine	15.537	169	1688315	38.988	ng	99
67) 4-Bromophenyl-phenylether	16.231	248	622359	39.480	ng	98
68) Hexachlorobenzene	16.354	284	753903	39.450	ng	99
69) Atrazine	16.525	200	632437	40.287	ng	100
70) Pentachlorophenol	16.731	266	423336	42.802	ng	99
71) Phenanthrene	17.101	178	2951038	38.223	ng	100
72) Anthracene	17.201	178	3045840	38.954	ng	100
73) Carbazole	17.489	167	2859856	39.460	ng	100
74) Di-n-butylphthalate	18.066	149	3648094	40.626	ng	99
75) Fluoranthene	19.201	202	3548406	39.654	ng	99
77) Benzidine	19.407	184	1851541	38.398	ng	100
78) Pyrene	19.578	202	3632574	37.346	ng	100
80) Butylbenzylphthalate	20.530	149	1755125	39.394	ng	93
81) Benzo(a)anthracene	21.483	228	3773532	37.896	ng	99
82) 3,3'-Dichlorobenzidine	21.413	252	1573261	39.797	ng	99
83) Chrysene	21.554	228	3623588	38.405	ng	99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2577871	40.384	ng	98
85) Di-n-octyl phthalate	22.648	149	4543393	40.380	ng	99
87) Indeno(1,2,3-cd)pyrene	28.518	276	5176487	38.347	ng	100
88) Benzo(b)fluoranthene	23.748	252	4087461	38.603	ng	99
89) Benzo(k)fluoranthene	23.819	252	4058240	37.653	ng	99
90) Benzo(a)pyrene	24.642	252	3945746	38.158	ng	99
91) Dibenzo(a,h)anthracene	28.571	278	4258398	38.755	ng	100
92) Benzo(g,h,i)perylene	29.683	276	4114070	37.736	ng	99

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

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