Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051425\
Data File : BP024632.D
Acq On : 14 May 2025 19:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: May 15 02:07:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	136329	20.000	ng		0.00
21) Naphthalene-d8	10.434	136	594919	20.000	ng		0.00
39) Acenaphthene-d10	14.298	164	381652	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	774396	20.000	ng		0.00
76) Chrysene-d12	21.533	240	849477	20.000	ng		0.01
86) Perylene-d12	24.810	264	1004817	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	625967	78.533	ng		0.00
7) Phenol-d6	6.852	99	823156	80.917	ng		0.00
23) Nitrobenzene-d5	8.810	82	908550	77.163	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	504837	78.026	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	2222939	76.308	ng		0.00
79) Terphenyl-d14	19.816	244	3842833	77.569	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	132011	35.270	ng		99
3) Pyridine	3.617	79	318088	38.327	ng		99
4) n-Nitrosodimethylamine	3.528	42	134879	36.813	ng		98
6) Aniline	7.005	93	520187	39.606	ng		99
8) 2-Chlorophenol	7.240	128	358604	39.631	ng		98
9) Benzaldehyde	6.816	77	259610	39.423	ng		97
10) Phenol	6.881	94	414653	39.492	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	327499	37.960	ng		100
12) 1,3-Dichlorobenzene	7.552	146	392114	37.666	ng		99
13) 1,4-Dichlorobenzene	7.693	146	399235	38.130	ng		98
14) 1,2-Dichlorobenzene	8.010	146	370770	36.341	ng		99
15) Benzyl Alcohol	7.905	79	306908	39.701	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	359400	34.784	ng		99
17) 2-Methylphenol	8.110	107	281603	37.394	ng		99
18) Hexachloroethane	8.728	117	149341	37.221	ng		98
19) n-Nitroso-di-n-propyla...	8.463	70	260332	36.995	ng		98
20) 3+4-Methylphenols	8.434	107	391159	38.185	ng		99
22) Acetophenone	8.481	105	536337	36.091	ng	#	98
24) Nitrobenzene	8.852	77	395910	38.209	ng		97
25) Isophorone	9.375	82	784231	38.397	ng		100
26) 2-Nitrophenol	9.557	139	207389	40.846	ng		99
27) 2,4-Dimethylphenol	9.622	122	349299	39.020	ng		97
28) bis(2-Chloroethoxy)met...	9.851	93	463977	38.024	ng		99
29) 2,4-Dichlorophenol	10.093	162	345978	39.883	ng		99
30) 1,2,4-Trichlorobenzene	10.299	180	367517	37.595	ng		98
31) Naphthalene	10.481	128	1156244	37.505	ng		100
32) Benzoic acid	9.775	122	227603m	38.308	ng		
33) 4-Chloroaniline	10.599	127	502751	40.413	ng		99
34) Hexachlorobutadiene	10.763	225	232777	36.758	ng		98
35) Caprolactam	11.387	113	130623	41.618	ng		96
36) 4-Chloro-3-methylphenol	11.734	107	410516	38.805	ng		98
37) 2-Methylnaphthalene	12.093	142	755801	37.861	ng		98
38) 1-Methylnaphthalene	12.316	142	794252	37.186	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	419919	37.889	ng		100
41) Hexachlorocyclopentadiene	12.445	237	262781	39.103	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	292236	40.710	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	325759	40.768	ng		97
46) 1,1'-Biphenyl	13.116	154	1065922	37.788	ng		99
47) 2-Chloronaphthalene	13.157	162	825428	38.378	ng		100
48) 2-Nitroaniline	13.369	65	253899	39.873	ng		96
49) Acenaphthylene	14.010	152	1399874	38.893	ng		100
50) Dimethylphthalate	13.751	163	1114200	38.302	ng		100
51) 2,6-Dinitrotoluene	13.869	165	239937	39.055	ng		96
52) Acenaphthene	14.357	154	762322	36.841	ng		99
53) 3-Nitroaniline	14.210	138	255992	40.808	ng		99
54) 2,4-Dinitrophenol	14.422	184	130744	37.449	ng		97
55) Dibenzofuran	14.698	168	1231464	37.312	ng		98
56) 4-Nitrophenol	14.551	139	200612	39.218	ng		97
57) 2,4-Dinitrotoluene	14.675	165	344986	39.831	ng		100
58) Fluorene	15.363	166	1020666	37.926	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	289262	39.024	ng		100
60) Diethylphthalate	15.139	149	1123695	38.219	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	499033	37.183	ng		98
62) 4-Nitroaniline	15.392	138	262165	43.282	ng		99
63) Azobenzene	15.657	77	952411	37.866	ng		97
65) 4,6-Dinitro-2-methylph...	15.457	198	195389	39.061	ng		98
66) n-Nitrosodiphenylamine	15.581	169	894085	37.588	ng		98
67) 4-Bromophenyl-phenylether	16.275	248	344688	37.774	ng		97
68) Hexachlorobenzene	16.386	284	430383	37.118	ng		99
69) Atrazine	16.569	200	341768	39.207	ng		99
70) Pentachlorophenol	16.751	266	273558	42.029	ng		99
71) Phenanthrene	17.145	178	1607216	37.334	ng		100
72) Anthracene	17.233	178	1663832	38.414	ng		100
73) Carbazole	17.522	167	1548480	39.499	ng		99
74) Di-n-butylphthalate	18.104	149	2009488	39.857	ng		100
75) Fluoranthene	19.222	202	1935181	38.456	ng		100
77) Benzidine	19.427	184	983839	42.524	ng		100
78) Pyrene	19.604	202	2006106	39.414	ng		100
80) Butylbenzylphthalate	20.545	149	960443	42.428	ng		100
81) Benzo(a)anthracene	21.510	228	2083965	39.070	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	835386	42.167	ng		99
83) Chrysene	21.574	228	1948503	38.535	ng		99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1377823	41.411	ng		99
85) Di-n-octyl phthalate	22.698	149	2340085	43.009	ng		100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2325686	31.704	ng	#	91
88) Benzo(b)fluoranthene	23.774	252	2223208	38.655	ng		99
89) Benzo(k)fluoranthene	23.839	252	2218835	37.439	ng		100
90) Benzo(a)pyrene	24.645	252	2127639	38.518	ng		99
91) Dibenzo(a,h)anthracene	28.592	278	2283945	38.271	ng		100
92) Benzo(g,h,i)perylene	29.680	276	2232970	37.625	ng		100

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

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