Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
Data File : BP025217.D
Acq On : 22 Jul 2025 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 17:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	484805	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	1949886	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	1283190	20.000	ng		0.01
64) Phenanthrene-d10	16.907	188	2609516	20.000	ng		0.01
76) Chrysene-d12	21.336	240	2676711	20.000	ng		0.01
86) Perylene-d12	24.465	264	3220793	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	2295766	80.012	ng		0.00
7) Phenol-d6	6.643	99	2848426	80.153	ng		0.00
23) Nitrobenzene-d5	8.560	82	2850806	81.250	ng		0.00
42) 2,4,6-Tribromophenol	15.613	330	1540989	81.460	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	7465526	82.022	ng		0.00
79) Terphenyl-d14	19.666	244	10796124	79.620	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	428506	39.847	ng		99
3) Pyridine	3.496	79	1143807	39.735	ng		98
4) n-Nitrosodimethylamine	3.408	42	457523	40.078	ng		95
6) Aniline	6.778	93	1864526	40.138	ng		99
8) 2-Chlorophenol	7.013	128	1308790	40.201	ng		100
9) Benzaldehyde	6.596	77	945417	39.238	ng		98
10) Phenol	6.666	94	1476571	40.065	ng		100
11) bis(2-Chloroethyl)ether	6.878	93	1128018	39.923	ng		99
12) 1,3-Dichlorobenzene	7.325	146	1452137	39.664	ng		100
13) 1,4-Dichlorobenzene	7.472	146	1471223	39.812	ng		99
14) 1,2-Dichlorobenzene	7.772	146	1422625	40.017	ng		99
15) Benzyl Alcohol	7.672	79	1044047	40.729	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.949	45	1416363	39.177	ng		99
17) 2-Methylphenol	7.878	107	1021093	39.964	ng		99
18) Hexachloroethane	8.490	117	513517	40.407	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	874584	40.909	ng		98
20) 3+4-Methylphenols	8.201	107	1404751	40.305	ng		99
22) Acetophenone	8.237	105	1841706	40.591	ng	#	99
24) Nitrobenzene	8.601	77	1268326	40.551	ng		97
25) Isophorone	9.131	82	2511042	40.697	ng		98
26) 2-Nitrophenol	9.307	139	756773	42.134	ng		98
27) 2,4-Dimethylphenol	9.384	122	1220037	40.594	ng		98
28) bis(2-Chloroethoxy)met...	9.607	93	1549265	40.143	ng		100
29) 2,4-Dichlorophenol	9.837	162	1259414	40.789	ng		100
30) 1,2,4-Trichlorobenzene	10.048	180	1335187	39.591	ng		100
31) Naphthalene	10.225	128	3976670	39.855	ng		99
32) Benzoic acid	9.537	122	981015	42.757	ng		100
33) 4-Chloroaniline	10.337	127	1788185	40.770	ng		99
34) Hexachlorobutadiene	10.519	225	809228	39.867	ng		99
35) Caprolactam	11.137	113	424342	41.409	ng		99
36) 4-Chloro-3-methylphenol	11.490	107	1269467	41.129	ng		100
37) 2-Methylnaphthalene	11.848	142	2611585	40.308	ng		99
38) 1-Methylnaphthalene	12.078	142	2737847	40.228	ng		99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1517651	39.457	ng		100
41) Hexachlorocyclopentadiene	12.213	237	887835	38.668	ng		99
43) 2,4,6-Trichlorophenol	12.490	196	1049931	39.950	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1169262	40.430	ng	99
46) 1,1'-Biphenyl	12.889	154	3704215	39.821	ng	99
47) 2-Chloronaphthalene	12.925	162	2878391	39.634	ng	100
48) 2-Nitroaniline	13.142	65	767149	41.364	ng	97
49) Acenaphthylene	13.801	152	4767242	40.585	ng	99
50) Dimethylphthalate	13.542	163	3701569	40.335	ng	99
51) 2,6-Dinitrotoluene	13.654	165	820876	41.167	ng	97
52) Acenaphthene	14.154	154	2691736	39.628	ng	99
53) 3-Nitroaniline	13.989	138	919365	40.886	ng	98
54) 2,4-Dinitrophenol	14.201	184	508500	43.041	ng	98
55) Dibenzofuran	14.495	168	4350726	39.654	ng	100
56) 4-Nitrophenol	14.331	139	780640	40.570	ng	99
57) 2,4-Dinitrotoluene	14.466	165	1166349	41.787	ng	98
58) Fluorene	15.154	166	3533493	40.566	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.731	232	1036076	40.480	ng	100
60) Diethylphthalate	14.948	149	3690362	40.800	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	1774043	40.306	ng	98
62) 4-Nitroaniline	15.189	138	966919	42.282	ng	97
63) Azobenzene	15.472	77	3013069	40.879	ng	97
65) 4,6-Dinitro-2-methylph...	15.248	198	693387	41.173	ng	97
66) n-Nitrosodiphenylamine	15.383	169	3160118	39.898	ng	99
67) 4-Bromophenyl-phenylether	16.083	248	1208101	39.669	ng	97
68) Hexachlorobenzene	16.201	284	1412145	39.045	ng	97
69) Atrazine	16.383	200	1189643	40.589	ng	99
70) Pentachlorophenol	16.566	266	971735	39.511	ng	99
71) Phenanthrene	16.954	178	5553593	39.459	ng	100
72) Anthracene	17.048	178	5749207	40.549	ng	100
73) Carbazole	17.325	167	5336598	39.428	ng	99
74) Di-n-butylphthalate	17.954	149	6587240	42.180	ng	100
75) Fluoranthene	19.060	202	6580038	39.724	ng	99
77) Benzidine	19.260	184	4002294	42.589	ng	100
78) Pyrene	19.436	202	6726583	40.757	ng	99
80) Butylbenzylphthalate	20.413	149	2968996	39.741	ng	99
81) Benzo(a)anthracene	21.318	228	6741360	39.881	ng	99
82) 3,3'-Dichlorobenzidine	21.254	252	2743673	39.157	ng	100
83) Chrysene	21.389	228	6293514	39.884	ng	99
84) Bis(2-ethylhexyl)phtha...	21.301	149	4357084	40.787	ng	100
85) Di-n-octyl phthalate	22.512	149	7698558	41.734	ng	100
87) Indeno(1,2,3-cd)pyrene	28.018	276	9368897	39.805	ng	98
88) Benzo(b)fluoranthene	23.501	252	7241040	39.276	ng	99
89) Benzo(k)fluoranthene	23.554	252	7115299	39.094	ng	99
90) Benzo(a)pyrene	24.324	252	7006621	38.952	ng	100
91) Dibenzo(a,h)anthracene	28.100	278	7676442	39.976	ng	98
92) Benzo(g,h,i)perylene	29.112	276	7445439	39.454	ng	100

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

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