Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052725\
Data File : BP024806.D
Acq On : 27 May 2025 10:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 10:52:27 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

05/27/2025
Supervised By :Jagrut Upadhyay

05/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	122724	20.000	ng		-0.02
21) Naphthalene-d8	10.404	136	486317	20.000	ng		-0.03
39) Acenaphthene-d10	14.269	164	294079	20.000	ng		-0.04
64) Phenanthrene-d10	17.074	188	576206	20.000	ng		-0.02
76) Chrysene-d12	21.498	240	648338	20.000	ng		-0.02
86) Perylene-d12	24.768	264	766430	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	553922	77.198	ng		-0.02
7) Phenol-d6	6.840	99	660994	72.180	ng		-0.01
23) Nitrobenzene-d5	8.787	82	697698	72.488	ng		-0.02
42) 2,4,6-Tribromophenol	15.792	330	415749	83.392	ng		-0.02
45) 2-Fluorobiphenyl	12.880	172	1766214	78.685	ng		-0.02
79) Terphenyl-d14	19.798	244	2965005	78.417	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	116705	34.638	ng		99
3) Pyridine	3.610	79	259672	34.757	ng		96
4) n-Nitrosodimethylamine	3.522	42	116958	35.461	ng		93
6) Aniline	6.981	93	416140	35.197	ng		99
8) 2-Chlorophenol	7.216	128	310140	38.075	ng		97
9) Benzaldehyde	6.798	77	198143m	33.425	ng		
10) Phenol	6.863	94	333847	35.321	ng		97
11) bis(2-Chloroethyl)ether	7.075	93	262624	33.815	ng		98
12) 1,3-Dichlorobenzene	7.528	146	352668	37.632	ng		98
13) 1,4-Dichlorobenzene	7.675	146	357601	37.940	ng		99
14) 1,2-Dichlorobenzene	7.987	146	343511	37.402	ng		98
15) Benzyl Alcohol	7.887	79	244493	35.133	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.151	45	310708	33.406	ng		98
17) 2-Methylphenol	8.092	107	241194	35.579	ng		98
18) Hexachloroethane	8.698	117	130031	36.001	ng		98
19) n-Nitroso-di-n-propyla...	8.440	70	202675	31.995	ng		98
20) 3+4-Methylphenols	8.422	107	325702	35.320	ng		100
22) Acetophenone	8.457	105	447841	36.866	ng	#	98
24) Nitrobenzene	8.828	77	304039	35.895	ng		94
25) Isophorone	9.351	82	568239	34.035	ng		97
26) 2-Nitrophenol	9.534	139	171195	41.247	ng		96
27) 2,4-Dimethylphenol	9.604	122	277206	37.881	ng		99
28) bis(2-Chloroethoxy)met...	9.822	93	351220	35.211	ng		98
29) 2,4-Dichlorophenol	10.081	162	281871	39.749	ng		97
30) 1,2,4-Trichlorobenzene	10.269	180	317544	39.737	ng		97
31) Naphthalene	10.451	128	966714	38.360	ng		100
32) Benzoic acid	9.775	122	176965m	36.801	ng		
33) 4-Chloroaniline	10.575	127	389695	38.320	ng		98
34) Hexachlorobutadiene	10.734	225	207767	40.135	ng		99
35) Caprolactam	11.375	113	88651	34.553	ng		95
36) 4-Chloro-3-methylphenol	11.722	107	301967	34.918	ng		97
37) 2-Methylnaphthalene	12.069	142	591716	36.261	ng		99
38) 1-Methylnaphthalene	12.292	142	619986	35.509	ng		100
40) 1,2,4,5-Tetrachloroben...	12.439	216	350885	41.089	ng		99
41) Hexachlorocyclopentadiene	12.416	237	275265	53.159	ng		96
43) 2,4,6-Trichlorophenol	12.698	196	221465	40.039	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.786	196	244373	39.690	ng		96
46) 1,1'-Biphenyl	13.092	154	836910	38.504	ng		100
47) 2-Chloronaphthalene	13.133	162	652021	39.343	ng		100
48) 2-Nitroaniline	13.351	65	174945	35.655	ng		97
49) Acenaphthylene	13.986	152	1067381	38.486	ng		100
50) Dimethylphthalate	13.727	163	825872	36.845	ng		100
51) 2,6-Dinitrotoluene	13.851	165	178835	37.778	ng		99
52) Acenaphthene	14.333	154	607003	38.071	ng		100
53) 3-Nitroaniline	14.192	138	181424	37.534	ng		96
54) 2,4-Dinitrophenol	14.422	184	93340	35.168	ng		92
55) Dibenzofuran	14.674	168	980050	38.537	ng		98
56) 4-Nitrophenol	14.563	139	167714	42.191	ng		94
57) 2,4-Dinitrotoluene	14.657	165	260967	39.103	ng		95
58) Fluorene	15.339	166	795189	38.347	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.916	232	223336	39.102	ng		96
60) Diethylphthalate	15.110	149	837410	36.964	ng		98
61) 4-Chlorophenyl-phenyle...	15.333	204	399229	38.604	ng		99
62) 4-Nitroaniline	15.380	138	185264m	39.695	ng		
63) Azobenzene	15.633	77	664877	34.306	ng		94
65) 4,6-Dinitro-2-methylph...	15.439	198	141965	38.143	ng		98
66) n-Nitrosodiphenylamine	15.551	169	682839	38.581	ng		99
67) 4-Bromophenyl-phenylether	16.245	248	274334	40.404	ng		96
68) Hexachlorobenzene	16.369	284	348068	40.344	ng		96
69) Atrazine	16.539	200	252599	38.945	ng		100
70) Pentachlorophenol	16.733	266	206807	42.702	ng		99
71) Phenanthrene	17.116	178	1211722	37.828	ng		99
72) Anthracene	17.210	178	1234323	38.300	ng		100
73) Carbazole	17.498	167	1130020	38.740	ng		100
74) Di-n-butylphthalate	18.086	149	1436622	38.295	ng		99
75) Fluoranthene	19.204	202	1440893	38.482	ng		99
77) Benzidine	19.421	184	616618m	34.920	ng		
78) Pyrene	19.580	202	1491280	38.389	ng		100
80) Butylbenzylphthalate	20.527	149	659821	38.191	ng		96
81) Benzo(a)anthracene	21.480	228	1555400	38.207	ng		99
82) 3,3'-Dichlorobenzidine	21.415	252	617404	40.832	ng		99
83) Chrysene	21.551	228	1468000	38.040	ng		100
84) Bis(2-ethylhexyl)phtha...	21.415	149	972837	38.310	ng		98
85) Di-n-octyl phthalate	22.656	149	1642908	39.563	ng		99
87) Indeno(1,2,3-cd)pyrene	28.456	276	2184600	39.043	ng	#	90
88) Benzo(b)fluoranthene	23.727	252	1680200	38.300	ng		99
89) Benzo(k)fluoranthene	23.798	252	1719812	38.045	ng		100
90) Benzo(a)pyrene	24.609	252	1625625	38.583	ng		99
91) Dibenzo(a,h)anthracene	28.533	278	1790274	39.329	ng		99
92) Benzo(g,h,i)perylene	29.615	276	1768389	39.065	ng		99

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

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