Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024825.D
Acq On : 29 May 2025 11:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 29 12:29:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

05/30/2025
Supervised By :Jagrut Upadhyay

05/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	120834	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	512430	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	334395	20.000	ng	0.00
64) Phenanthrene-d10	17.081	188	682805	20.000	ng	0.02
76) Chrysene-d12	21.498	240	789945	20.000	ng	0.00
86) Perylene-d12	24.780	264	972769	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	538200	76.181	ng	0.00
7) Phenol-d6	6.846	99	672916	74.631	ng	0.00
23) Nitrobenzene-d5	8.799	82	740969	73.061	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	499944	88.190	ng	0.02
45) 2-Fluorobiphenyl	12.893	172	1953025	76.517	ng	0.01
79) Terphenyl-d14	19.804	244	3575351	77.608	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	107941	32.538	ng	99
3) Pyridine	3.611	79	251656	34.211	ng	96
4) n-Nitrosodimethylamine	3.522	42	114784	35.346	ng	95
6) Aniline	6.987	93	436654	37.509	ng	99
8) 2-Chlorophenol	7.228	128	314748	39.245	ng	96
9) Benzaldehyde	6.805	77	197445	33.828	ng	96
10) Phenol	6.875	94	345449	37.120	ng	99
11) bis(2-Chloroethyl)ether	7.081	93	263947	34.517	ng	98
12) 1,3-Dichlorobenzene	7.534	146	349813	37.911	ng	97
13) 1,4-Dichlorobenzene	7.681	146	352116	37.942	ng	99
14) 1,2-Dichlorobenzene	7.993	146	338529	37.436	ng	99
15) Benzyl Alcohol	7.893	79	266428	38.884	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.163	45	312803	34.157	ng	98
17) 2-Methylphenol	8.105	107	253300	37.949	ng	96
18) Hexachloroethane	8.704	117	127645	35.893	ng	98
19) n-Nitroso-di-n-propyla...	8.446	70	220352	35.329	ng	97
20) 3+4-Methylphenols	8.428	107	348950	38.433	ng	99
22) Acetophenone	8.463	105	480378	37.529	ng	99
24) Nitrobenzene	8.840	77	322505	36.135	ng	92
25) Isophorone	9.357	82	639654	36.360	ng	97
26) 2-Nitrophenol	9.546	139	187676	42.913	ng	97
27) 2,4-Dimethylphenol	9.610	122	305775	39.656	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	374303	35.613	ng	98
29) 2,4-Dichlorophenol	10.087	162	307155	41.107	ng	98
30) 1,2,4-Trichlorobenzene	10.281	180	328104	38.966	ng	97
31) Naphthalene	10.463	128	1016448	38.278	ng	100
32) Benzoic acid	9.781	122	220220m	42.111	ng	
33) 4-Chloroaniline	10.587	127	439787	41.042	ng	97
34) Hexachlorobutadiene	10.746	225	209651	38.435	ng	99
35) Caprolactam	11.387	113	113042	41.815	ng	90
36) 4-Chloro-3-methylphenol	11.734	107	353367	38.780	ng	98
37) 2-Methylnaphthalene	12.087	142	666696	38.774	ng	99
38) 1-Methylnaphthalene	12.304	142	699889	38.043	ng	100
40) 1,2,4,5-Tetrachloroben...	12.451	216	382071	39.346	ng	99
41) Hexachlorocyclopentadiene	12.428	237	305714	51.921	ng	96
43) 2,4,6-Trichlorophenol	12.710	196	255360	40.601	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	280547	40.072	ng		97
46) 1,1'-Biphenyl	13.098	154	932841	37.743	ng		99
47) 2-Chloronaphthalene	13.145	162	720055	38.210	ng		100
48) 2-Nitroaniline	13.363	65	207378	37.170	ng		94
49) Acenaphthylene	13.998	152	1201242	38.091	ng		99
50) Dimethylphthalate	13.740	163	960483	37.684	ng		100
51) 2,6-Dinitrotoluene	13.863	165	214033	39.762	ng		98
52) Acenaphthene	14.345	154	685376	37.804	ng		100
53) 3-Nitroaniline	14.204	138	224178	40.787	ng		95
54) 2,4-Dinitrophenol	14.428	184	121731	39.394	ng		94
55) Dibenzofuran	14.687	168	1112629	38.475	ng		99
56) 4-Nitrophenol	14.569	139	226086	49.232	ng		96
57) 2,4-Dinitrotoluene	14.663	165	310460	40.910	ng		97
58) Fluorene	15.345	166	914113	38.767	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.928	232	262167	40.367	ng		95
60) Diethylphthalate	15.122	149	999436	38.797	ng		99
61) 4-Chlorophenyl-phenyle...	15.339	204	456874	38.852	ng		100
62) 4-Nitroaniline	15.392	138	237193m	44.694	ng		
63) Azobenzene	15.639	77	767250	34.816	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	184641	41.864	ng		95
66) n-Nitrosodiphenylamine	15.563	169	799414	38.116	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	323348	40.188	ng		94
68) Hexachlorobenzene	16.375	284	407726	39.881	ng		98
69) Atrazine	16.539	200	310816	40.439	ng		99
70) Pentachlorophenol	16.733	266	249462	43.468	ng		98
71) Phenanthrene	17.122	178	1439545	37.925	ng		100
72) Anthracene	17.216	178	1462756	38.302	ng		100
73) Carbazole	17.504	167	1371333	39.673	ng		99
74) Di-n-butylphthalate	18.086	149	1705798	38.372	ng		99
75) Fluoranthene	19.204	202	1729973	38.989	ng		99
77) Benzidine	19.410	184	980287	45.563	ng		100
78) Pyrene	19.580	202	1782513	37.660	ng		100
80) Butylbenzylphthalate	20.533	149	833453	39.593	ng		90
81) Benzo(a)anthracene	21.480	228	1910944	38.526	ng		99
82) 3,3'-Dichlorobenzidine	21.416	252	821557	44.594	ng		99
83) Chrysene	21.545	228	1765123	37.540	ng		99
84) Bis(2-ethylhexyl)phtha...	21.416	149	1216407	39.315	ng		98
85) Di-n-octyl phthalate	22.651	149	2140522	42.306	ng		99
87) Indeno(1,2,3-cd)pyrene	28.468	276	2791855	39.312	ng	#	84
88) Benzo(b)fluoranthene	23.733	252	2068838	37.156	ng		98
89) Benzo(k)fluoranthene	23.810	252	2124418	37.027	ng		100
90) Benzo(a)pyrene	24.621	252	2041463	38.176	ng		99
91) Dibenzo(a,h)anthracene	28.556	278	2306447	39.921	ng		99
92) Benzo(g,h,i)perylene	29.621	276	2238144	38.955	ng		98

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

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