Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
Data File : BP024605.D
Acq On : 12 May 2025 16:40
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: May 13 02:53:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 02:51:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	115351	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	485881	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	330641	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	648087	20.00	ng		0.00
76) Chrysene-d12	21.521	240	752168	20.00	ng		0.01
86) Perylene-d12	24.815	264	881213	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	124319	19.04	ng		0.00
7) Phenol-d6	6.858	99	156405	18.22	ng		0.00
23) Nitrobenzene-d5	8.810	82	160935	19.04	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	102851	18.98	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	438983	19.86	ng		0.00
79) Terphenyl-d14	19.816	244	753582	19.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	30283	10.45	ng		100
3) Pyridine	3.634	79	60691	8.96	ng		98
4) n-Nitrosodimethylamine	3.540	42	29395	9.86	ng	#	99
6) Aniline	7.005	93	70170	9.11	ng		99
8) 2-Chlorophenol	7.240	128	71023	9.45	ng		100
9) Benzaldehyde	6.822	77	52921m	11.15	ng		
10) Phenol	6.881	94	78437	9.17	ng		96
11) bis(2-Chloroethyl)ether	7.099	93	65345	9.41	ng		98
12) 1,3-Dichlorobenzene	7.558	146	82405	9.97	ng		98
13) 1,4-Dichlorobenzene	7.699	146	83293	9.89	ng		99
14) 1,2-Dichlorobenzene	8.016	146	82370	10.11	ng		97
15) Benzyl Alcohol	7.916	79	50084	8.46	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	79556	9.99	ng		96
17) 2-Methylphenol	8.116	107	53814	9.15	ng		97
18) Hexachloroethane	8.728	117	32507	10.18	ng		98
19) n-Nitroso-di-n-propyla...	8.463	70	57155	9.98	ng		98
20) 3+4-Methylphenols	8.446	107	73328	9.06	ng		99
22) Acetophenone	8.481	105	113341	9.74	ng		98
24) Nitrobenzene	8.852	77	78229	9.54	ng		97
25) Isophorone	9.375	82	143770	9.70	ng		99
26) 2-Nitrophenol	9.563	139	36098	8.60	ng		97
27) 2,4-Dimethylphenol	9.634	122	46439	9.17	ng		96
28) bis(2-Chloroethoxy)met...	9.851	93	95193	9.89	ng		98
29) 2,4-Dichlorophenol	10.110	162	62030	8.85	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	77692	9.96	ng		95
31) Naphthalene	10.481	128	251531	9.93	ng		99
32) Benzoic acid	9.734	122	23244m	11.39	ng		
33) 4-Chloroaniline	10.610	127	74763	8.76	ng		99
34) Hexachlorobutadiene	10.769	225	50112	9.96	ng		97
35) Caprolactam	11.387	113	21722m	8.87	ng		
36) 4-Chloro-3-methylphenol	11.740	107	82645	9.63	ng		96
37) 2-Methylnaphthalene	12.098	142	175157	9.86	ng		99
38) 1-Methylnaphthalene	12.316	142	173541	9.89	ng		98
40) 1,2,4,5-Tetrachloroben...	12.469	216	87860	9.52	ng		99
41) Hexachlorocyclopentadiene	12.445	237	23387	7.73	ng		99
43) 2,4,6-Trichlorophenol	12.722	196	55894	9.01	ng		99

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44) 2,4,5-Trichlorophenol	12.810	196	64138	9.29	ng		99
46) 1,1'-Biphenyl	13.116	154	233679	9.83	ng		99
47) 2-Chloronaphthalene	13.157	162	177697	9.85	ng		97
48) 2-Nitroaniline	13.375	65	48431	9.16	ng		95
49) Acenaphthylene	14.010	152	275441	9.77	ng		100
50) Dimethylphthalate	13.745	163	247807	10.05	ng		100
51) 2,6-Dinitrotoluene	13.875	165	50728	9.64	ng		100
52) Acenaphthene	14.357	154	176041	9.80	ng		99
53) 3-Nitroaniline	14.210	138	45220	8.91	ng		92
54) 2,4-Dinitrophenol	14.439	184	18924m	11.30	ng		
55) Dibenzofuran	14.698	168	294971	10.08	ng		98
56) 4-Nitrophenol	14.575	139	28652	6.86	ng		98
57) 2,4-Dinitrotoluene	14.675	165	68442	9.44	ng		96
58) Fluorene	15.357	166	226618	9.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	61873	9.50	ng		100
60) Diethylphthalate	15.134	149	257154	10.07	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	114847	10.02	ng		97
62) 4-Nitroaniline	15.398	138	44333m	8.79	ng		
63) Azobenzene	15.651	77	218196	10.02	ng		99
65) 4,6-Dinitro-2-methylph...	15.457	198	32643	8.21	ng		95
66) n-Nitrosodiphenylamine	15.575	169	190450	9.83	ng		99
67) 4-Bromophenyl-phenylether	16.269	248	73487	9.60	ng		97
68) Hexachlorobenzene	16.386	284	93792	9.83	ng		97
69) Atrazine	16.551	200	66916	10.24	ng		98
70) Pentachlorophenol	16.745	266	54151	8.83	ng		99
71) Phenanthrene	17.133	178	352130	10.07	ng		100
72) Anthracene	17.228	178	331272	9.70	ng		99
73) Carbazole	17.516	167	311262	9.72	ng		99
74) Di-n-butylphthalate	18.104	149	418406	9.71	ng		99
75) Fluoranthene	19.222	202	425070	9.98	ng		99
77) Benzidine	19.451	184	47239m	5.39	ng		
78) Pyrene	19.598	202	445711	9.79	ng		99
80) Butylbenzylphthalate	20.551	149	184497	9.09	ng		99
81) Benzo(a)anthracene	21.498	228	455642	9.95	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	93780	8.57	ng		100
83) Chrysene	21.574	228	441349	9.95	ng		99
84) Bis(2-ethylhexyl)phtha...	21.439	149	278107	9.34	ng		99
85) Di-n-octyl phthalate	22.692	149	440945	8.93	ng		99
87) Indeno(1,2,3-cd)pyrene	28.521	276	556429	9.24	ng	#	92
88) Benzo(b)fluoranthene	23.763	252	486826	9.57	ng		100
89) Benzo(k)fluoranthene	23.833	252	470103	9.37	ng		100
90) Benzo(a)pyrene	24.657	252	414244	9.41	ng		99
91) Dibenzo(a,h)anthracene	28.592	278	463256	9.38	ng		99
92) Benzo(g,h,i)perylene	29.668	276	483568	9.47	ng		99

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

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