Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
Data File : BP024606.D
Acq On : 12 May 2025 17:21
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: May 13 02:53:58 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	7.669	152	131381	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	547200	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	367955	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	705962	20.00	ng	0.00
76) Chrysene-d12	21.516	240	801331	20.00	ng	0.00
86) Perylene-d12	24.804	264	908078	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	304124	40.90	ng	0.00
7) Phenol-d6	6.857	99	405792	41.49	ng	0.00
23) Nitrobenzene-d5	8.810	82	404392	42.48	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	242721	40.25	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	999774	40.64	ng	0.00
79) Terphenyl-d14	19.810	244	1705960	41.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	67863	20.57	ng	97
3) Pyridine	3.628	79	160576	20.80	ng	99
4) n-Nitrosodimethylamine	3.534	42	68395	20.15	ng	99
6) Aniline	7.005	93	182885	20.85	ng	99
8) 2-Chlorophenol	7.240	128	174967	20.44	ng	98
9) Benzaldehyde	6.822	77	124929m	23.11	ng	
10) Phenol	6.881	94	199593	20.49	ng	99
11) bis(2-Chloroethyl)ether	7.099	93	164576	20.81	ng	98
12) 1,3-Dichlorobenzene	7.557	146	194947	20.70	ng	99
13) 1,4-Dichlorobenzene	7.699	146	197760	20.62	ng	98
14) 1,2-Dichlorobenzene	8.010	146	191721	20.65	ng	100
15) Benzyl Alcohol	7.910	79	136511	20.25	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.193	45	189352	20.88	ng	99
17) 2-Methylphenol	8.116	107	138925	20.74	ng	99
18) Hexachloroethane	8.728	117	74228	20.40	ng	98
19) n-Nitroso-di-n-propyla...	8.463	70	138365	21.21	ng	99
20) 3+4-Methylphenols	8.440	107	191719	20.80	ng	98
22) Acetophenone	8.481	105	278660	21.27	ng	97
24) Nitrobenzene	8.857	77	197270	21.36	ng	97
25) Isophorone	9.375	82	353208	21.17	ng	98
26) 2-Nitrophenol	9.563	139	97149	20.56	ng	97
27) 2,4-Dimethylphenol	9.628	122	119175	20.90	ng	99
28) bis(2-Chloroethoxy)met...	9.851	93	226556	20.90	ng	100
29) 2,4-Dichlorophenol	10.104	162	165840	21.01	ng	98
30) 1,2,4-Trichlorobenzene	10.298	180	183116	20.85	ng	97
31) Naphthalene	10.487	128	598393	20.97	ng	100
32) Benzoic acid	9.751	122	88392	19.77	ng	99
33) 4-Chloroaniline	10.610	127	203663	21.18	ng	99
34) Hexachlorobutadiene	10.769	225	117220	20.69	ng	98
35) Caprolactam	11.381	113	56869	20.62	ng	95
36) 4-Chloro-3-methylphenol	11.740	107	202558	20.96	ng	99
37) 2-Methylnaphthalene	12.098	142	417327	20.86	ng	98
38) 1-Methylnaphthalene	12.322	142	416550	21.07	ng	99
40) 1,2,4,5-Tetrachloroben...	12.469	216	207796	20.24	ng	99
41) Hexachlorocyclopentadiene	12.445	237	66457	19.74	ng	99
43) 2,4,6-Trichlorophenol	12.722	196	140026	20.29	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	155822	20.28	ng	98
46) 1,1'-Biphenyl	13.116	154	541669	20.48	ng	100
47) 2-Chloronaphthalene	13.157	162	415533	20.69	ng	99
48) 2-Nitroaniline	13.375	65	121406	20.63	ng	99
49) Acenaphthylene	14.010	152	642921	20.49	ng	99
50) Dimethylphthalate	13.751	163	561924	20.48	ng	99
51) 2,6-Dinitrotoluene	13.875	165	120221	20.53	ng	99
52) Acenaphthene	14.357	154	410391	20.53	ng	99
53) 3-Nitroaniline	14.210	138	115628	20.47	ng	96
54) 2,4-Dinitrophenol	14.428	184	56778	20.01	ng	97
55) Dibenzofuran	14.698	168	676549	20.78	ng	99
56) 4-Nitrophenol	14.551	139	87169	18.77	ng	96
57) 2,4-Dinitrotoluene	14.675	165	167811	20.80	ng	93
58) Fluorene	15.351	166	518606	20.51	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	148513	20.50	ng	99
60) Diethylphthalate	15.128	149	582810	20.50	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	261393	20.49	ng	99
62) 4-Nitroaniline	15.386	138	118034	21.04	ng	99
63) Azobenzene	15.651	77	507626	20.94	ng	99
65) 4,6-Dinitro-2-methylph...	15.445	198	88665	20.46	ng	93
66) n-Nitrosodiphenylamine	15.575	169	441601	20.92	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	171574	20.57	ng	99
68) Hexachlorobenzene	16.381	284	217137	20.90	ng	99
69) Atrazine	16.551	200	153795	21.60	ng	99
70) Pentachlorophenol	16.739	266	135600	20.30	ng	98
71) Phenanthrene	17.128	178	794068	20.86	ng	99
72) Anthracene	17.228	178	780636	20.98	ng	100
73) Carbazole	17.516	167	726755	20.83	ng	99
74) Di-n-butylphthalate	18.098	149	982748	20.94	ng	100
75) Fluoranthene	19.210	202	971257	20.93	ng	99
77) Benzidine	19.433	184	191296	20.50	ng	99
78) Pyrene	19.592	202	1012424	20.88	ng	99
80) Butylbenzylphthalate	20.539	149	448626	20.75	ng	97
81) Benzo(a)anthracene	21.498	228	1012677	20.76	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	239212	20.51	ng	99
83) Chrysene	21.563	228	978546	20.70	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	664171	20.93	ng	99
85) Di-n-octyl phthalate	22.686	149	1069988	20.33	ng	100
87) Indeno(1,2,3-cd)pyrene	28.521	276	1283844	20.69	ng	99
88) Benzo(b)fluoranthene	23.762	252	1073184	20.48	ng	99
89) Benzo(k)fluoranthene	23.827	252	1087098	21.02	ng	99
90) Benzo(a)pyrene	24.645	252	940753	20.74	ng	98
91) Dibenzo(a,h)anthracene	28.586	278	1065878	20.94	ng	100
92) Benzo(g,h,i)perylene	29.668	276	1086710	20.66	ng	100

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

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