Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042425\
Data File : BP024411.D
Acq On : 24 Apr 2025 17:16
Operator : RC/JU
Sample : Q1852-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-354MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/25/2025
Supervised By :Jagrut Upadhyay 04/25/2025

Quant Time: Apr 24 17:39:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	191765	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	791930	20.000	ng	-0.02
39) Acenaphthene-d10	14.339	164	506208	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1055289	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1169743	20.000	ng	0.00
86) Perylene-d12	24.909	264	1328356	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1536899	132.516	ng	0.00
7) Phenol-d6	6.904	99	1928290	121.424	ng	0.00
23) Nitrobenzene-d5	8.863	82	1188266	85.558	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	1024496	146.280	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2691366	81.405	ng	-0.01
79) Terphenyl-d14	19.880	244	4819842	83.053	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	171370	34.933	ng	# 70
3) Pyridine	3.693	79	345436	26.667	ng	96
4) n-Nitrosodimethylamine	3.593	42	182135	42.366	ng	88
6) Aniline	7.051	93	279279	19.680	ng	99
8) 2-Chlorophenol	7.287	128	592896	45.788	ng	99
9) Benzaldehyde	6.869	77	241324	30.720	ng	97
10) Phenol	6.928	94	699612	43.916	ng	96
11) bis(2-Chloroethyl)ether	7.145	93	521018	40.592	ng	99
12) 1,3-Dichlorobenzene	7.604	146	562521	40.352	ng	99
13) 1,4-Dichlorobenzene	7.745	146	578706	40.915	ng	99
14) 1,2-Dichlorobenzene	8.063	146	561479	41.110	ng	99
15) Benzyl Alcohol	7.951	79	500750	48.758	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	573647	41.347	ng	99
17) 2-Methylphenol	8.163	107	492543	47.794	ng	98
18) Hexachloroethane	8.781	117	211999	41.474	ng	99
19) n-Nitroso-di-n-propyla...	8.510	70	408574	41.586	ng	99
20) 3+4-Methylphenols	8.487	107	678902	47.477	ng	99
22) Acetophenone	8.528	105	840878	42.900	ng	# 98
24) Nitrobenzene	8.904	77	599228	43.615	ng	99
25) Isophorone	9.428	82	1178262	46.870	ng	99
26) 2-Nitrophenol	9.604	139	323900	48.174	ng	96
27) 2,4-Dimethylphenol	9.675	122	565117	66.939	ng	98
28) bis(2-Chloroethoxy)met...	9.898	93	717443	42.247	ng	99
29) 2,4-Dichlorophenol	10.139	162	553413	48.077	ng	98
30) 1,2,4-Trichlorobenzene	10.351	180	530583	43.021	ng	100
31) Naphthalene	10.534	128	1710701	41.008	ng	100
32) Benzoic acid	9.822	122	445781m	45.316	ng	
33) 4-Chloroaniline	10.657	127	141021	9.599	ng	99
34) Hexachlorobutadiene	10.816	225	317072	43.750	ng	99
35) Caprolactam	11.445	113	180148	42.414	ng	97
36) 4-Chloro-3-methylphenol	11.780	107	641039	47.811	ng	100
37) 2-Methylnaphthalene	12.145	142	1114268	38.515	ng	99
38) 1-Methylnaphthalene	12.363	142	1175637	41.539	ng	100
40) 1,2,4,5-Tetrachloroben...	12.516	216	606621	43.577	ng	98
41) Hexachlorocyclopentadiene	12.498	237	843993	171.424	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	453327	48.980	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	504600	49.234	ng	99
46) 1,1'-Biphenyl	13.169	154	1607722	43.208	ng	99
47) 2-Chloronaphthalene	13.210	162	1223604	44.000	ng	99
48) 2-Nitroaniline	13.416	65	392186	50.276	ng	98
49) Acenaphthylene	14.063	152	2084882	47.617	ng	99
50) Dimethylphthalate	13.798	163	1677036	45.556	ng	100
51) 2,6-Dinitrotoluene	13.916	165	371439	47.516	ng	97
52) Acenaphthene	14.410	154	1206676	43.472	ng	100
53) 3-Nitroaniline	14.251	138	206229	25.102	ng	99
54) 2,4-Dinitrophenol	14.469	184	506925	110.091	ng	96
55) Dibenzofuran	14.745	168	1894503	41.755	ng	97
56) 4-Nitrophenol	14.586	139	740268	104.327	ng	94
57) 2,4-Dinitrotoluene	14.716	165	548252	51.415	ng	97
58) Fluorene	15.410	166	1608382	45.792	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.980	232	456301	48.272	ng	99
60) Diethylphthalate	15.186	149	1746149	46.029	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	761832	44.666	ng	99
62) 4-Nitroaniline	15.439	138	409064	47.033	ng	94
63) Azobenzene	15.704	77	1514613	43.439	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	322566	48.483	ng	94
66) n-Nitrosodiphenylamine	15.627	169	1395882	44.317	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	520321	45.083	ng	97
68) Hexachlorobenzene	16.439	284	633888	46.220	ng	98
69) Atrazine	16.604	200	529774	66.038	ng	99
70) Pentachlorophenol	16.798	266	923760	96.551	ng	100
71) Phenanthrene	17.192	178	2555847	44.396	ng	99
72) Anthracene	17.280	178	2559690	46.133	ng	100
73) Carbazole	17.568	167	2548609	47.011	ng	100
74) Di-n-butylphthalate	18.163	149	3175287	47.012	ng	100
75) Fluoranthene	19.274	202	3115337	45.500	ng	99
77) Benzidine	19.492	184	131438	8.864	ng	99
78) Pyrene	19.651	202	3246705	43.675	ng	99
80) Butylbenzylphthalate	20.609	149	1558938	48.960	ng	95
81) Benzo(a)anthracene	21.562	228	3298162	45.363	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	665836	26.092	ng	100
83) Chrysene	21.639	228	3097689	44.471	ng	100
84) Bis(2-ethylhexyl)phtha...	21.509	149	2211653	47.381	ng	100
85) Di-n-octyl phthalate	22.768	149	3786824	49.903	ng	100
87) Indeno(1,2,3-cd)pyrene	28.685	276	4388680m	47.589	ng	
88) Benzo(b)fluoranthene	23.856	252	3537027	44.422	ng	99
89) Benzo(k)fluoranthene	23.921	252	3505369	45.577	ng	99
90) Benzo(a)pyrene	24.744	252	3272486	47.647	ng	99
91) Dibenzo(a,h)anthracene	28.774	278	3614545	47.221	ng	98
92) Benzo(g,h,i)perylene	29.844	276	3528360	45.286	ng	97

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

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