Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042425\
Data File : BP024412.D
Acq On : 24 Apr 2025 17:56
Operator : RC/JU
Sample : Q1852-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ETGI-354MSD

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

Quant Time: Apr 24 18:56:02 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	7.716	152	161933	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	649338	20.000	ng	-0.01
39) Acenaphthene-d10	14.340	164	420794	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	881518	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1086569	20.000	ng	-0.02
86) Perylene-d12	24.904	264	1276743	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1308410	133.598	ng	0.00
7) Phenol-d6	6.905	99	1617474	120.615	ng	0.00
23) Nitrobenzene-d5	8.863	82	1008373	88.550	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	865897	148.731	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2253181	81.985	ng	-0.01
79) Terphenyl-d14	19.875	244	4248861	78.818	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	161356	38.951	ng	# 72
3) Pyridine	3.687	79	303440	27.740	ng	94
4) n-Nitrosodimethylamine	3.593	42	162319	44.712	ng	90
6) Aniline	7.058	93	213443	17.812	ng	98
8) 2-Chlorophenol	7.293	128	495160	45.284	ng	99
9) Benzaldehyde	6.869	77	205846	31.031	ng	98
10) Phenol	6.934	94	594997	44.230	ng	97
11) bis(2-Chloroethyl)ether	7.146	93	442789	40.852	ng	99
12) 1,3-Dichlorobenzene	7.611	146	492183	41.811	ng	99
13) 1,4-Dichlorobenzene	7.752	146	504169	42.212	ng	100
14) 1,2-Dichlorobenzene	8.063	146	489946	42.481	ng	99
15) Benzyl Alcohol	7.958	79	417188	48.105	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	484068	41.318	ng	99
17) 2-Methylphenol	8.163	107	415599	47.757	ng	99
18) Hexachloroethane	8.787	117	184688	42.788	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	334826	40.358	ng	98
20) 3+4-Methylphenols	8.487	107	561733	46.520	ng	99
22) Acetophenone	8.528	105	697797	43.418	ng	98
24) Nitrobenzene	8.905	77	499400	44.331	ng	99
25) Isophorone	9.428	82	967543	46.940	ng	98
26) 2-Nitrophenol	9.610	139	268195	48.648	ng	97
27) 2,4-Dimethylphenol	9.675	122	466447	67.384	ng	100
28) bis(2-Chloroethoxy)met...	9.899	93	595109	42.738	ng	99
29) 2,4-Dichlorophenol	10.146	162	460114	48.749	ng	99
30) 1,2,4-Trichlorobenzene	10.352	180	456921	45.184	ng	99
31) Naphthalene	10.534	128	1458248	42.633	ng	99
32) Benzoic acid	9.822	122	359228m	44.537	ng	
33) 4-Chloroaniline	10.657	127	125030	10.380	ng	99
34) Hexachlorobutadiene	10.822	225	272964	45.935	ng	99
35) Caprolactam	11.440	113	150865	43.320	ng	97
36) 4-Chloro-3-methylphenol	11.787	107	541513	49.257	ng	99
37) 2-Methylnaphthalene	12.151	142	942110	39.715	ng	98
38) 1-Methylnaphthalene	12.363	142	995540	42.900	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	513618	44.385	ng	99
41) Hexachlorocyclopentadiene	12.499	237	716903	175.168	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	381624	49.603	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	422707	49.615	ng	99
46) 1,1'-Biphenyl	13.169	154	1341195	43.361	ng	99
47) 2-Chloronaphthalene	13.210	162	1028058	44.472	ng	99
48) 2-Nitroaniline	13.416	65	333760	51.471	ng	98
49) Acenaphthylene	14.063	152	1778406	48.862	ng	100
50) Dimethylphthalate	13.798	163	1423495	46.518	ng	100
51) 2,6-Dinitrotoluene	13.916	165	315120	48.494	ng	96
52) Acenaphthene	14.404	154	1021010	44.249	ng	99
53) 3-Nitroaniline	14.251	138	172940	25.322	ng	99
54) 2,4-Dinitrophenol	14.463	184	429731	112.270	ng	96
55) Dibenzofuran	14.751	168	1648037	43.696	ng	99
56) 4-Nitrophenol	14.587	139	631912	107.134	ng	96
57) 2,4-Dinitrotoluene	14.716	165	468975	52.907	ng	99
58) Fluorene	15.410	166	1357549	46.496	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	387942	49.370	ng	99
60) Diethylphthalate	15.181	149	1470372	46.627	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	647944	45.700	ng	98
62) 4-Nitroaniline	15.434	138	360247	49.828	ng	93
63) Azobenzene	15.698	77	1290238	44.515	ng	97
65) 4,6-Dinitro-2-methylph...	15.498	198	277429	49.919	ng	96
66) n-Nitrosodiphenylamine	15.622	169	1194491	45.398	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	440540	45.694	ng	98
68) Hexachlorobenzene	16.434	284	537979	46.960	ng	96
69) Atrazine	16.598	200	455677	67.999	ng	99
70) Pentachlorophenol	16.792	266	805272	100.758	ng	100
71) Phenanthrene	17.186	178	2220457	46.174	ng	100
72) Anthracene	17.275	178	2230483	48.125	ng	99
73) Carbazole	17.563	167	2243564	49.542	ng	100
74) Di-n-butylphthalate	18.157	149	2726339	48.322	ng	99
75) Fluoranthene	19.269	202	2772444	48.474	ng	98
77) Benzidine	19.486	184	140225	10.181	ng	98
78) Pyrene	19.645	202	2901143	42.014	ng	99
80) Butylbenzylphthalate	20.598	149	1405745	47.528	ng	96
81) Benzo(a)anthracene	21.557	228	3212016	47.559	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	639663	26.985	ng	100
83) Chrysene	21.627	228	2971616	45.927	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	2059928	47.509	ng	99
85) Di-n-octyl phthalate	22.763	149	3619051	51.342	ng	100
87) Indeno(1,2,3-cd)pyrene	28.680	276	4568103m	51.537	ng	
88) Benzo(b)fluoranthene	23.857	252	3584284	46.836	ng	99
89) Benzo(k)fluoranthene	23.916	252	3471771	46.965	ng	99
90) Benzo(a)pyrene	24.739	252	3358330	50.873	ng	99
91) Dibenzo(a,h)anthracene	28.762	278	3739695	50.831	ng	99
92) Benzo(g,h,i)perylene	29.862	276	3672236	49.038	ng	97

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

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