Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
Data File : BP024393.D
Acq On : 23 Apr 2025 12:46
Operator : RC/JU
Sample : PB167700BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 23 13:16:10 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

Instrument :
BNA_P
ClientSampleId :
PB167700BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	228420	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	923996	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	569624	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1071670	20.000	ng	0.00
76) Chrysene-d12	21.598	240	1109178	20.000	ng	0.00
86) Perylene-d12	24.945	264	1313197	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1915784	138.677	ng	0.00
7) Phenol-d6	6.910	99	2382484	125.949	ng	0.00
23) Nitrobenzene-d5	8.869	82	1439069	88.807	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1128841	143.235	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3299962	88.701	ng	0.00
79) Terphenyl-d14	19.874	244	4912868	89.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	214774	36.755	ng	# 96
3) Pyridine	3.681	79	561345	36.381	ng	97
4) n-Nitrosodimethylamine	3.587	42	237858	46.449	ng	87
6) Aniline	7.057	93	639836	37.853	ng	99
8) 2-Chlorophenol	7.293	128	717346	46.509	ng	99
9) Benzaldehyde	6.869	77	341320	36.477	ng	99
10) Phenol	6.934	94	863686	45.515	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	638376	41.754	ng	99
12) 1,3-Dichlorobenzene	7.610	146	739414	44.530	ng	99
13) 1,4-Dichlorobenzene	7.752	146	747473	44.366	ng	100
14) 1,2-Dichlorobenzene	8.069	146	714587	43.925	ng	98
15) Benzyl Alcohol	7.963	79	583663	47.712	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.240	45	717444	43.414	ng	99
17) 2-Methylphenol	8.163	107	584973	47.654	ng	98
18) Hexachloroethane	8.787	117	279760	45.948	ng	99
19) n-Nitroso-di-n-propyla...	8.516	70	477742	40.823	ng	98
20) 3+4-Methylphenols	8.487	107	785578	46.122	ng	98
22) Acetophenone	8.534	105	993947	43.462	ng	99
24) Nitrobenzene	8.910	77	721129	44.985	ng	99
25) Isophorone	9.428	82	1335212	45.522	ng	99
26) 2-Nitrophenol	9.610	139	377067	48.066	ng	95
27) 2,4-Dimethylphenol	9.681	122	649737	65.962	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	856622	43.232	ng	99
29) 2,4-Dichlorophenol	10.146	162	640518	47.691	ng	99
30) 1,2,4-Trichlorobenzene	10.357	180	658051	45.730	ng	99
31) Naphthalene	10.546	128	2070217	42.534	ng	100
32) Benzoic acid	9.834	122	483656m	42.139	ng	
33) 4-Chloroaniline	10.657	127	283400	16.534	ng	99
34) Hexachlorobutadiene	10.828	225	402576	47.609	ng	100
35) Caprolactam	11.451	113	211663	42.711	ng	96
36) 4-Chloro-3-methylphenol	11.793	107	706611	45.169	ng	98
37) 2-Methylnaphthalene	12.151	142	1311735	38.860	ng	98
38) 1-Methylnaphthalene	12.369	142	1369757	41.480	ng	99
40) 1,2,4,5-Tetrachloroben...	12.528	216	708023	45.198	ng	98
41) Hexachlorocyclopentadiene	12.504	237	1053739	190.199	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	504147	48.407	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	547035	47.432	ng	99
46) 1,1'-Biphenyl	13.175	154	1835465	43.837	ng	100
47) 2-Chloronaphthalene	13.216	162	1397562	44.660	ng	99
48) 2-Nitroaniline	13.422	65	422175	48.095	ng	97
49) Acenaphthylene	14.063	152	2350248	47.702	ng	100
50) Dimethylphthalate	13.804	163	1804090	43.552	ng	99
51) 2,6-Dinitrotoluene	13.922	165	396456	45.071	ng	97
52) Acenaphthene	14.416	154	1345917	43.090	ng	100
53) 3-Nitroaniline	14.257	138	254795	27.560	ng	99
54) 2,4-Dinitrophenol	14.469	184	511751	98.766	ng	94
55) Dibenzofuran	14.751	168	2114976	41.425	ng	97
56) 4-Nitrophenol	14.586	139	743931	93.171	ng	96
57) 2,4-Dinitrotoluene	14.722	165	572203	47.687	ng	99
58) Fluorene	15.410	166	1716651	43.433	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	484510	45.550	ng	99
60) Diethylphthalate	15.186	149	1828313	42.829	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	842319	43.887	ng	98
62) 4-Nitroaniline	15.434	138	427603	43.691	ng	92
63) Azobenzene	15.704	77	1653162	42.134	ng	97
65) 4,6-Dinitro-2-methylph...	15.492	198	322709	47.763	ng	96
66) n-Nitrosodiphenylamine	15.634	169	1498669	46.853	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	548695	46.814	ng	98
68) Hexachlorobenzene	16.433	284	669180	48.048	ng	97
69) Atrazine	16.604	200	526048	64.571	ng	99
70) Pentachlorophenol	16.792	266	925341	95.238	ng	99
71) Phenanthrene	17.192	178	2607430	44.600	ng	100
72) Anthracene	17.286	178	2648256	47.000	ng	100
73) Carbazole	17.569	167	2479478	45.037	ng	100
74) Di-n-butylphthalate	18.151	149	3045426	44.400	ng	100
75) Fluoranthene	19.280	202	3003310	43.194	ng	99
77) Benzidine	19.480	184	1371804	97.569	ng	99
78) Pyrene	19.663	202	3129490	44.397	ng	99
80) Butylbenzylphthalate	20.610	149	1425222	47.205	ng	94
81) Benzo(a)anthracene	21.580	228	3152908	45.733	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	768318	31.751	ng	100
83) Chrysene	21.645	228	2946671	44.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.516	149	2072622	46.828	ng	99
85) Di-n-octyl phthalate	22.792	149	3536396	49.147	ng	100
87) Indeno(1,2,3-cd)pyrene	28.721	276	4344060	47.649	ng	98
88) Benzo(b)fluoranthene	23.886	252	3353924	42.609	ng	98
89) Benzo(k)fluoranthene	23.957	252	3463039	45.546	ng	99
90) Benzo(a)pyrene	24.786	252	3308791	48.731	ng	99
91) Dibenzo(a,h)anthracene	28.803	278	3560029	47.046	ng	98
92) Benzo(g,h,i)perylene	29.897	276	3498517	45.422	ng	99

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

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