Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024322.D
Acq On : 17 Apr 2025 11:51
Operator : RC/JU
Sample : PB167564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 17 12:18:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167564BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	334068	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1451795	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	946390	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1773496	20.000	ng	-0.02
76) Chrysene-d12	21.598	240	1227922	20.000	ng	-0.02
86) Perylene-d12	24.939	264	1207867	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2759115	136.561	ng	0.00
7) Phenol-d6	6.917	99	3618299	130.789	ng	0.00
23) Nitrobenzene-d5	8.875	82	2148075	84.368	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1728940	132.043	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	5085782	82.280	ng	-0.01
79) Terphenyl-d14	19.881	244	6643551	109.054	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	287909	33.689	ng	97
3) Pyridine	3.681	79	766297	33.958	ng	98
4) n-Nitrosodimethylamine	3.593	42	324280	43.299	ng	94
6) Aniline	7.064	93	1023567	41.404	ng	99
8) 2-Chlorophenol	7.305	128	1079648	47.861	ng	99
9) Benzaldehyde	6.875	77	294812	21.543	ng	99
10) Phenol	6.940	94	1357407	48.911	ng	96
11) bis(2-Chloroethyl)ether	7.158	93	961345	42.993	ng	99
12) 1,3-Dichlorobenzene	7.616	146	1030757	42.444	ng	98
13) 1,4-Dichlorobenzene	7.764	146	1060590	43.043	ng	99
14) 1,2-Dichlorobenzene	8.075	146	1021098	42.916	ng	99
15) Benzyl Alcohol	7.969	79	871520	48.712	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1102139	45.601	ng	99
17) 2-Methylphenol	8.175	107	928298	51.707	ng	99
18) Hexachloroethane	8.799	117	393473	44.187	ng	98
19) n-Nitroso-di-n-propyla...	8.528	70	752644	43.975	ng	99
20) 3+4-Methylphenols	8.499	107	1264970	50.780	ng	99
22) Acetophenone	8.546	105	1513862	42.130	ng	100
24) Nitrobenzene	8.916	77	1104577	43.855	ng	98
25) Isophorone	9.440	82	2149873	46.650	ng	99
26) 2-Nitrophenol	9.622	139	581538	47.180	ng	97
27) 2,4-Dimethylphenol	9.687	122	1056586	68.269	ng	99
28) bis(2-Chloroethoxy)met...	9.916	93	1365811	43.871	ng	100
29) 2,4-Dichlorophenol	10.158	162	1025078	48.576	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	977668	43.241	ng	98
31) Naphthalene	10.552	128	3144759	41.121	ng	100
32) Benzoic acid	9.863	122	845605m	46.890	ng	
33) 4-Chloroaniline	10.663	127	472553	17.547	ng	99
34) Hexachlorobutadiene	10.834	225	581954	43.802	ng	99
35) Caprolactam	11.463	113	357452	45.907	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	1188991	48.373	ng	100
37) 2-Methylnaphthalene	12.163	142	2057907	38.801	ng	98
38) 1-Methylnaphthalene	12.387	142	2189742	42.204	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	1115334	42.855	ng	99
41) Hexachlorocyclopentadiene	12.516	237	1557478	169.206	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	830279	47.984	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	916797	47.846	ng	99
46) 1,1'-Biphenyl	13.181	154	2986755	42.935	ng	99
47) 2-Chloronaphthalene	13.222	162	2256603	43.403	ng	99
48) 2-Nitroaniline	13.428	65	700526	48.034	ng	95
49) Acenaphthylene	14.075	152	3846464	46.990	ng	100
50) Dimethylphthalate	13.816	163	2995229	43.521	ng	99
51) 2,6-Dinitrotoluene	13.934	165	665787	45.557	ng	100
52) Acenaphthene	14.428	154	2181964	42.046	ng	99
53) 3-Nitroaniline	14.263	138	417219	27.163	ng	98
54) 2,4-Dinitrophenol	14.475	184	853627	99.160	ng	95
55) Dibenzofuran	14.763	168	3471170	40.921	ng	99
56) 4-Nitrophenol	14.598	139	1202044	90.613	ng	98
57) 2,4-Dinitrotoluene	14.728	165	922417	46.269	ng	100
58) Fluorene	15.422	166	2823276	42.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	791251	44.773	ng	99
60) Diethylphthalate	15.204	149	3004493	42.362	ng	100
61) 4-Chlorophenyl-phenyle...	15.416	204	1368495	42.916	ng	99
62) 4-Nitroaniline	15.451	138	673721	41.433	ng	96
63) Azobenzene	15.716	77	2764248	42.405	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	533164	47.684	ng	97
66) n-Nitrosodiphenylamine	15.640	169	2446935	46.225	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	905183	46.668	ng	99
68) Hexachlorobenzene	16.451	284	1078014	46.772	ng	98
69) Atrazine	16.616	200	810319	60.104	ng	99
70) Pentachlorophenol	16.804	266	1487194	92.492	ng	99
71) Phenanthrene	17.204	178	4199363	43.405	ng	99
72) Anthracene	17.292	178	4256425	45.647	ng	99
73) Carbazole	17.581	167	3849468	42.251	ng	99
74) Di-n-butylphthalate	18.163	149	4687484	41.296	ng	100
75) Fluoranthene	19.286	202	4450170	38.675	ng	98
77) Benzidine	19.475	184	1112220	71.457	ng	100
78) Pyrene	19.663	202	4392711	56.291	ng	99
80) Butylbenzylphthalate	20.610	149	1647590	49.293	ng	96
81) Benzo(a)anthracene	21.575	228	3542965	46.421	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	754814	28.177	ng	99
83) Chrysene	21.645	228	3275917	44.801	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	2065674	42.157	ng	99
85) Di-n-octyl phthalate	22.792	149	3130152	39.295	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	4225283	50.388	ng	96
88) Benzo(b)fluoranthene	23.886	252	3252383	44.922	ng	99
89) Benzo(k)fluoranthene	23.951	252	3212113	45.930	ng	100
90) Benzo(a)pyrene	24.780	252	3099830	49.635	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	3511403	50.449	ng	98
92) Benzo(g,h,i)perylene	29.933	276	3482393	49.155	ng	99

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

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