Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025472.D
Acq On : 19 Aug 2025 12:06
Operator : CG/JU
Sample : PB169244BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 12:52:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169244BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	161110	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	644957	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	415960	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	862003	20.000	ng		#-0.01
76) Chrysene-d12	21.642	240	910554	20.000	ng		0.00
86) Perylene-d12	25.001	264	1045081	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1337580	137.876	ng		0.00
7) Phenol-d6	6.972	99	1688269	135.735	ng		0.00
23) Nitrobenzene-d5	8.931	82	1050881	82.423	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	775299	138.474	ng		-0.01
45) 2-Fluorobiphenyl	13.013	172	2467804	81.083	ng		0.00
79) Terphenyl-d14	19.907	244	4077204	81.923	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	142275	37.441	ng		99
3) Pyridine	3.725	79	398620	38.325	ng		95
4) n-Nitrosodimethylamine	3.631	42	201784	47.058	ng		96
6) Aniline	7.119	93	625971	37.353	ng		99
8) 2-Chlorophenol	7.366	128	524831	47.941	ng		99
9) Benzaldehyde	6.937	77	239040	27.431	ng		98
10) Phenol	6.996	94	628743	48.175	ng		99
11) bis(2-Chloroethyl)ether	7.213	93	455153	44.744	ng		99
12) 1,3-Dichlorobenzene	7.684	146	543382	45.014	ng		99
13) 1,4-Dichlorobenzene	7.825	146	553701	44.876	ng		100
14) 1,2-Dichlorobenzene	8.137	146	534380	44.742	ng		97
15) Benzyl Alcohol	8.025	79	444471	44.974	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.307	45	615310	45.153	ng		98
17) 2-Methylphenol	8.225	107	424929	46.879	ng		98
18) Hexachloroethane	8.860	117	205091	45.209	ng		97
19) n-Nitroso-di-n-propyla...	8.584	70	347018	42.121	ng		97
20) 3+4-Methylphenols	8.549	107	585226	46.577	ng		98
22) Acetophenone	8.601	105	735041	45.445	ng	#	99
24) Nitrobenzene	8.972	77	531108	46.610	ng		100
25) Isophorone	9.496	82	993893	44.048	ng		99
26) 2-Nitrophenol	9.672	139	273836	46.827	ng		96
27) 2,4-Dimethylphenol	9.737	122	479387	47.669	ng		98
28) bis(2-Chloroethoxy)met...	9.972	93	613611	44.988	ng		99
29) 2,4-Dichlorophenol	10.213	162	491610	49.210	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	495197	45.218	ng		99
31) Naphthalene	10.607	128	1534568	45.778	ng		99
32) Benzoic acid	9.890	122	382681m	51.543	ng		
33) 4-Chloroaniline	10.707	127	389745	26.321	ng		99
34) Hexachlorobutadiene	10.896	225	306039	44.872	ng		99
35) Caprolactam	11.495	113	173914	47.476	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	555661	48.473	ng		99
37) 2-Methylnaphthalene	12.213	142	992936	45.516	ng		100
38) 1-Methylnaphthalene	12.437	142	1029457	44.374	ng		98
40) 1,2,4,5-Tetrachloroben...	12.584	216	553975	46.113	ng		99
41) Hexachlorocyclopentadiene	12.566	237	670283	92.369	ng		98
43) 2,4,6-Trichlorophenol	12.825	196	408898	50.417	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	452804	50.941	ng	98
46) 1,1'-Biphenyl	13.231	154	1412174	46.746	ng	99
47) 2-Chloronaphthalene	13.272	162	1094908	46.557	ng	100
48) 2-Nitroaniline	13.466	65	353391	51.571	ng	98
49) Acenaphthylene	14.119	152	1874575	48.171	ng	99
50) Dimethylphthalate	13.860	163	1476660	48.478	ng	100
51) 2,6-Dinitrotoluene	13.966	165	320426	49.910	ng	97
52) Acenaphthene	14.466	154	1076858	47.143	ng	99
53) 3-Nitroaniline	14.295	138	254955	35.296	ng	96
54) 2,4-Dinitrophenol	14.513	184	397607	115.970	ng	98
55) Dibenzofuran	14.801	168	1703170	47.161	ng	100
56) 4-Nitrophenol	14.625	139	605113	101.946	ng	99
57) 2,4-Dinitrotoluene	14.760	165	473816	51.727	ng	97
58) Fluorene	15.460	166	1322243	46.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	396757	50.551	ng	99
60) Diethylphthalate	15.236	149	1517718	49.036	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	661344	46.664	ng	97
62) 4-Nitroaniline	15.478	138	353899	47.791	ng	99
63) Azobenzene	15.754	77	1322217	49.891	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	272964	50.800	ng	99
66) n-Nitrosodiphenylamine	15.672	169	1246458	47.419	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	451437	47.618	ng	95
68) Hexachlorobenzene	16.489	284	512163	46.604	ng	97
69) Atrazine	16.642	200	470922	47.838	ng	98
70) Pentachlorophenol	16.842	266	687032	99.034	ng	97
71) Phenanthrene	17.236	178	2253291	47.585	ng	99
72) Anthracene	17.330	178	2284335	47.239	ng	99
73) Carbazole	17.601	167	2155496	47.324	ng	99
74) Di-n-butylphthalate	18.201	149	2713180	48.416	ng	100
75) Fluoranthene	19.319	202	2675123	47.361	ng	99
77) Benzidine	19.507	184	1413258	45.479	ng	100
78) Pyrene	19.695	202	2762164	46.671	ng	99
80) Butylbenzylphthalate	20.642	149	1298221	48.400	ng	99
81) Benzo(a)anthracene	21.624	228	2834413	47.200	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	727758	32.152	ng	99
83) Chrysene	21.689	228	2644963	47.032	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1936416	49.043	ng	99
85) Di-n-octyl phthalate	22.854	149	3437312	50.612	ng	99
87) Indeno(1,2,3-cd)pyrene	28.842	276	3500214	45.670	ng	98
88) Benzo(b)fluoranthene	23.954	252	2979641	48.351	ng	99
89) Benzo(k)fluoranthene	24.024	252	2940688	47.686	ng	99
90) Benzo(a)pyrene	24.865	252	2836165	47.279	ng	100
91) Dibenzo(a,h)anthracene	28.924	278	2878994	45.967	ng	99
92) Benzo(g,h,i)perylene	30.030	276	2809647	45.636	ng	99

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

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