Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025514.D
Acq On : 20 Aug 2025 19:49
Operator : CG/JU
Sample : PB169259BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169259BS

Quant Time: Aug 21 01:36:51 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.784	152	193210	20.000	ng		-0.01
21) Naphthalene-d8	10.560	136	716493	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	415906	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	793030	20.000	ng		0.00
76) Chrysene-d12	21.648	240	903156	20.000	ng		0.00
86) Perylene-d12	25.024	264	1093749	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1482206	127.400	ng		0.00
7) Phenol-d6	6.972	99	1793190	120.218	ng		0.00
23) Nitrobenzene-d5	8.931	82	1171537	82.712	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	722062	128.983	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	2505695	82.338	ng		0.00
79) Terphenyl-d14	19.925	244	3796862	76.915	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	174220	38.230	ng		98
3) Pyridine	3.725	79	474202	38.018	ng		96
4) n-Nitrosodimethylamine	3.631	42	239558	46.586	ng		96
6) Aniline	7.119	93	645772	32.133	ng		98
8) 2-Chlorophenol	7.361	128	572945	43.641	ng		98
9) Benzaldehyde	6.937	77	263614	25.225	ng		98
10) Phenol	6.996	94	667894	42.672	ng		95
11) bis(2-Chloroethyl)ether	7.214	93	519692	42.600	ng		97
12) 1,3-Dichlorobenzene	7.678	146	630575	43.558	ng		98
13) 1,4-Dichlorobenzene	7.819	146	644460	43.554	ng		99
14) 1,2-Dichlorobenzene	8.137	146	612126	42.736	ng		97
15) Benzyl Alcohol	8.025	79	493055	41.602	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.302	45	696846	42.641	ng		98
17) 2-Methylphenol	8.225	107	455684	41.920	ng		100
18) Hexachloroethane	8.861	117	244923	45.019	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	374997	37.955	ng		97
20) 3+4-Methylphenols	8.549	107	601647	39.929	ng		97
22) Acetophenone	8.602	105	802741	44.676	ng	#	98
24) Nitrobenzene	8.972	77	588320	46.476	ng		98
25) Isophorone	9.496	82	1055464	42.106	ng		99
26) 2-Nitrophenol	9.672	139	303049	46.648	ng		96
27) 2,4-Dimethylphenol	9.737	122	501812	44.917	ng		97
28) bis(2-Chloroethoxy)met...	9.966	93	651737	43.013	ng		99
29) 2,4-Dichlorophenol	10.213	162	499409	44.999	ng		98
30) 1,2,4-Trichlorobenzene	10.425	180	554932	45.613	ng		97
31) Naphthalene	10.607	128	1633423	43.862	ng		100
32) Benzoic acid	9.896	122	381761	46.285	ng		98
33) 4-Chloroaniline	10.713	127	361701	21.988	ng		99
34) Hexachlorobutadiene	10.896	225	353627	46.673	ng		99
35) Caprolactam	11.496	113	163441	40.163	ng		99
36) 4-Chloro-3-methylphenol	11.837	107	542442	42.595	ng		97
37) 2-Methylnaphthalene	12.213	142	1002467	41.365	ng		98
38) 1-Methylnaphthalene	12.437	142	1048812	40.695	ng		98
40) 1,2,4,5-Tetrachloroben...	12.584	216	580153	48.298	ng		99
41) Hexachlorocyclopentadiene	12.566	237	732135	100.906	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	390866	48.200	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	427836	48.139	ng	98
46) 1,1'-Biphenyl	13.225	154	1392727	46.108	ng	98
47) 2-Chloronaphthalene	13.266	162	1096171	46.617	ng	99
48) 2-Nitroaniline	13.466	65	334749	48.857	ng	98
49) Acenaphthylene	14.125	152	1772199	45.546	ng	100
50) Dimethylphthalate	13.854	163	1352833	44.419	ng	99
51) 2,6-Dinitrotoluene	13.966	165	298673	46.527	ng	95
52) Acenaphthene	14.466	154	1027103	44.971	ng	99
53) 3-Nitroaniline	14.296	138	224739	31.117	ng	95
54) 2,4-Dinitrophenol	14.513	184	369632	107.824	ng	98
55) Dibenzofuran	14.807	168	1603072	44.395	ng	99
56) 4-Nitrophenol	14.619	139	557711	93.972	ng	92
57) 2,4-Dinitrotoluene	14.766	165	424586	46.358	ng	96
58) Fluorene	15.466	166	1223490	42.940	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	361689	46.089	ng	98
60) Diethylphthalate	15.237	149	1363057	44.045	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	604052	42.627	ng	96
62) 4-Nitroaniline	15.478	138	323428	43.682	ng	95
63) Azobenzene	15.760	77	1220451	46.057	ng	97
65) 4,6-Dinitro-2-methylph...	15.543	198	253084	51.197	ng	96
66) n-Nitrosodiphenylamine	15.678	169	1120737	46.344	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	404207	46.344	ng	97
68) Hexachlorobenzene	16.495	284	457964	45.296	ng	97
69) Atrazine	16.654	200	429920	47.471	ng	99
70) Pentachlorophenol	16.842	266	630521	98.793	ng	97
71) Phenanthrene	17.242	178	1991575	45.716	ng	100
72) Anthracene	17.337	178	2065289	46.424	ng	100
73) Carbazole	17.613	167	1958150	46.730	ng	99
74) Di-n-butylphthalate	18.207	149	2408862	46.724	ng	100
75) Fluoranthene	19.331	202	2421989	46.609	ng	99
77) Benzidine	19.519	184	1350558	43.817	ng	99
78) Pyrene	19.701	202	2537821	43.232	ng	100
80) Butylbenzylphthalate	20.660	149	1274909	47.921	ng	99
81) Benzo(a)anthracene	21.630	228	2791590	46.868	ng	99
82) 3,3'-Dichlorobenzidine	21.548	252	796924	35.496	ng	100
83) Chrysene	21.701	228	2622312	47.011	ng	99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1909245	48.751	ng	100
85) Di-n-octyl phthalate	22.866	149	3541294	52.570	ng	99
87) Indeno(1,2,3-cd)pyrene	28.865	276	3615356	45.073	ng	99
88) Benzo(b)fluoranthene	23.960	252	2951588	45.764	ng	100
89) Benzo(k)fluoranthene	24.030	252	3008563	46.616	ng	99
90) Benzo(a)pyrene	24.860	252	2866956	45.666	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	2975886	45.399	ng	98
92) Benzo(g,h,i)perylene	30.054	276	2900628	45.017	ng	98

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

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