Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025642.D
Acq On : 02 Sep 2025 17:37
Operator : CG/JU
Sample : Q2989-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SOUTH-TP-5MSD

Quant Time: Sep 02 18:15:37 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	7.772	152	150511	20.000	ng		-0.02
21) Naphthalene-d8	10.542	136	590486	20.000	ng		-0.02
39) Acenaphthene-d10	14.383	164	380282	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	785697	20.000	ng		-0.01
76) Chrysene-d12	21.642	240	824922	20.000	ng		0.00
86) Perylene-d12	25.006	264	951740	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	912469	100.679	ng		0.00
7) Phenol-d6	6.966	99	1166485	100.389	ng		0.00
23) Nitrobenzene-d5	8.913	82	739925	63.388	ng		-0.02
42) 2,4,6-Tribromophenol	15.913	330	568596	111.084	ng		0.00
45) 2-Fluorobiphenyl	12.995	172	1622254	58.302	ng		-0.02
79) Terphenyl-d14	19.913	244	2756690	61.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	160674	45.260	ng		97
3) Pyridine	3.713	79	450076	46.320	ng		94
4) n-Nitrosodimethylamine	3.625	42	220256	54.983	ng		92
6) Aniline	7.107	93	417181	26.647	ng		97
8) 2-Chlorophenol	7.349	128	530046	51.827	ng		96
9) Benzaldehyde	6.919	77	212857	26.147	ng		95
10) Phenol	6.990	94	633914	51.991	ng		97
11) bis(2-Chloroethyl)ether	7.201	93	467742	49.219	ng		97
12) 1,3-Dichlorobenzene	7.666	146	566147	50.202	ng		99
13) 1,4-Dichlorobenzene	7.807	146	571807	49.607	ng		99
14) 1,2-Dichlorobenzene	8.119	146	545518	48.891	ng		99
15) Benzyl Alcohol	8.007	79	466428	50.520	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.284	45	658583	51.732	ng		98
17) 2-Methylphenol	8.219	107	431924	51.006	ng		99
18) Hexachloroethane	8.837	117	217306	51.275	ng		99
19) n-Nitroso-di-n-propyla...	8.566	70	370511	48.139	ng		98
20) 3+4-Methylphenols	8.537	107	586247	49.944	ng		98
22) Acetophenone	8.584	105	760722	51.372	ng	#	98
24) Nitrobenzene	8.954	77	542261	51.979	ng		99
25) Isophorone	9.478	82	1041000	50.392	ng		98
26) 2-Nitrophenol	9.660	139	288917	53.963	ng		96
27) 2,4-Dimethylphenol	9.725	122	489749	53.192	ng		99
28) bis(2-Chloroethoxy)met...	9.948	93	625345	50.078	ng		99
29) 2,4-Dichlorophenol	10.201	162	486989	53.244	ng		98
30) 1,2,4-Trichlorobenzene	10.401	180	508562	50.722	ng		98
31) Naphthalene	10.595	128	1552751	50.593	ng		99
32) Benzoic acid	9.895	122	406137	59.748	ng		96
33) 4-Chloroaniline	10.695	127	240277	17.724	ng		98
34) Hexachlorobutadiene	10.878	225	327520	52.452	ng		98
35) Caprolactam	11.501	113	178963	53.361	ng		97
36) 4-Chloro-3-methylphenol	11.837	107	564938	53.828	ng		96
37) 2-Methylnaphthalene	12.195	142	997978	49.967	ng		98
38) 1-Methylnaphthalene	12.419	142	1038091	48.874	ng		100
40) 1,2,4,5-Tetrachloroben...	12.566	216	583346	53.114	ng		99
41) Hexachlorocyclopentadiene	12.548	237	647230	97.560	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	410652	55.383	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	455356	56.035	ng	99
46) 1,1'-Biphenyl	13.213	154	1438478	52.084	ng	99
47) 2-Chloronaphthalene	13.254	162	1093886	50.877	ng	99
48) 2-Nitroaniline	13.460	65	361791	57.750	ng	97
49) Acenaphthylene	14.107	152	1861693	52.328	ng	99
50) Dimethylphthalate	13.842	163	1487417	53.413	ng	100
51) 2,6-Dinitrotoluene	13.960	165	322726	54.984	ng	96
52) Acenaphthene	14.454	154	1049445	50.253	ng	99
53) 3-Nitroaniline	14.295	138	190576	28.859	ng	93
54) 2,4-Dinitrophenol	14.513	184	391406	124.872	ng	97
55) Dibenzofuran	14.795	168	1693213	51.284	ng	99
56) 4-Nitrophenol	14.642	139	565850	104.275	ng	96
57) 2,4-Dinitrotoluene	14.754	165	475557	56.788	ng	95
58) Fluorene	15.448	166	1340672	51.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.030	232	396720	55.289	ng	99
60) Diethylphthalate	15.225	149	1565509	55.326	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	670418	51.743	ng	96
62) 4-Nitroaniline	15.478	138	346415	51.170	ng	98
63) Azobenzene	15.748	77	1478425	61.019	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	277946	56.751	ng	96
66) n-Nitrosodiphenylamine	15.672	169	1241513	51.818	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	450417	52.124	ng	96
68) Hexachlorobenzene	16.483	284	534029	53.313	ng	98
69) Atrazine	16.654	200	491276	54.752	ng	98
70) Pentachlorophenol	16.842	266	709330	112.179	ng	98
71) Phenanthrene	17.230	178	2215919	51.341	ng	99
72) Anthracene	17.330	178	2301659	52.220	ng	100
73) Carbazole	17.607	167	2183170	52.586	ng	99
74) Di-n-butylphthalate	18.195	149	2842640	55.653	ng	100
75) Fluoranthene	19.318	202	2678119	52.019	ng	99
77) Benzidine	19.518	184	1086334	38.587	ng	98
78) Pyrene	19.695	202	2747023	51.234	ng	99
80) Butylbenzylphthalate	20.648	149	1361147	56.014	ng	98
81) Benzo(a)anthracene	21.624	228	2817469	51.788	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	581383	28.352	ng	99
83) Chrysene	21.695	228	2635410	51.726	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1995975	55.799	ng	99
85) Di-n-octyl phthalate	22.836	149	3509362	57.037	ng	98
87) Indeno(1,2,3-cd)pyrene	28.842	276	3714994	53.226	ng	99
88) Benzo(b)fluoranthene	23.936	252	2887889	51.458	ng	99
89) Benzo(k)fluoranthene	24.001	252	3004552	53.500	ng	99
90) Benzo(a)pyrene	24.842	252	2827051	51.749	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	3039360	53.286	ng	98
92) Benzo(g,h,i)perylene	30.006	276	2953428	52.676	ng	99

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

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