Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025335.D
Acq On : 08 Aug 2025 16:35
Operator : CG/JU
Sample : Q2779-01MS 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/11/2025
Supervised By :Jagrut Upadhyay 08/11/2025

Quant Time: Aug 08 17:36:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	340500	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1397097	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	824346	20.000	ng		0.00
64) Phenanthrene-d10	17.231	188	1302900	20.000	ng		0.00
76) Chrysene-d12	21.677	240	974903	20.000	ng		0.02
86) Perylene-d12	25.071	264	1245649	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	262710	12.409	ng		0.00
7) Phenol-d6	6.960	99	333301	11.963	ng		0.00
23) Nitrobenzene-d5	8.937	82	212410	8.423	ng		0.00
42) 2,4,6-Tribromophenol	15.936	330	104427	12.698	ng		0.01
45) 2-Fluorobiphenyl	13.031	172	496398	8.317	ng		0.00
79) Terphenyl-d14	19.942	244	471129	9.128	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	53051	6.350	ng		97
3) Pyridine	3.725	79	144657	6.232	ng		96
4) n-Nitrosodimethylamine	3.637	42	69821	6.479	ng	#	95
6) Aniline	7.125	93	131299	3.433	ng		100
8) 2-Chlorophenol	7.366	128	181083	7.814	ng		98
9) Benzaldehyde	6.943	77	96353	4.869	ng		98
10) Phenol	6.990	94	214972	7.211	ng		98
11) bis(2-Chloroethyl)ether	7.225	93	169002	7.235	ng		96
12) 1,3-Dichlorobenzene	7.690	146	195754	7.518	ng		99
13) 1,4-Dichlorobenzene	7.837	146	205930	7.817	ng		96
14) 1,2-Dichlorobenzene	8.149	146	190304	7.457	ng		99
15) Benzyl Alcohol	8.025	79	148808	6.890	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.325	45	249748	6.768	ng		97
17) 2-Methylphenol	8.225	107	153394	7.690	ng		99
18) Hexachloroethane	8.878	117	76741	8.146	ng		95
19) n-Nitroso-di-n-propyla...	8.590	70	132657	7.247	ng		98
20) 3+4-Methylphenols	8.543	107	203419	7.406	ng		96
22) Acetophenone	8.602	105	270238	7.705	ng		97
24) Nitrobenzene	8.978	77	184534	7.730	ng		100
25) Isophorone	9.502	82	371897	7.409	ng		99
26) 2-Nitrophenol	9.684	139	91190	11.743	ng		98
27) 2,4-Dimethylphenol	9.743	122	178848	7.728	ng		96
28) bis(2-Chloroethoxy)met...	9.978	93	234081	7.666	ng		98
29) 2,4-Dichlorophenol	10.213	162	168797	8.331	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	179847	8.046	ng		98
31) Naphthalene	10.625	128	641001	8.838	ng		99
32) Benzoic acid	9.813	122	105879	14.641	ng		93
33) 4-Chloroaniline	10.719	127	120164	3.725	ng		97
34) Hexachlorobutadiene	10.913	225	106327	8.286	ng		98
35) Caprolactam	11.466	113	53190	6.767	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	175332	7.479	ng		96
37) 2-Methylnaphthalene	12.225	142	389671	8.301	ng		99
38) 1-Methylnaphthalene	12.448	142	404980	8.268	ng		98
40) 1,2,4,5-Tetrachloroben...	12.595	216	195766	8.698	ng		100
41) Hexachlorocyclopentadiene	12.584	237	169376	12.194	ng		97
43) 2,4,6-Trichlorophenol	12.837	196	129079	8.878	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	136883	8.393	ng		99
46) 1,1'-Biphenyl	13.243	154	507650	8.356	ng		99
47) 2-Chloronaphthalene	13.278	162	383603	8.277	ng		98
48) 2-Nitroaniline	13.478	65	102783	10.067	ng		95
49) Acenaphthylene	14.137	152	651137	8.422	ng		99
50) Dimethylphthalate	13.872	163	462218	7.692	ng		99
51) 2,6-Dinitrotoluene	13.972	165	92563	8.351	ng		94
52) Acenaphthene	14.489	154	469642	9.959	ng		99
53) 3-Nitroaniline	14.301	138	74512	5.745	ng		99
54) 2,4-Dinitrophenol	14.519	184	39993	14.261	ng	#	62
55) Dibenzofuran	14.831	168	623611	8.849	ng		100
56) 4-Nitrophenol	14.613	139	145869	12.743	ng		100
57) 2,4-Dinitrotoluene	14.778	165	122621	9.907	ng	#	97
58) Fluorene	15.484	166	577905	10.441	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.054	232	106666	7.830	ng		99
60) Diethylphthalate	15.260	149	629503	10.390	ng		100
61) 4-Chlorophenyl-phenyle...	15.484	204	209138	7.970	ng		99
62) 4-Nitroaniline	15.484	138	83395	6.489	ng		96
63) Azobenzene	15.778	77	438621	7.793	ng		96
65) 4,6-Dinitro-2-methylph...	15.554	198	31460	11.064	ng		86
66) n-Nitrosodiphenylamine	15.695	169	389329	9.814	ng		99
67) 4-Bromophenyl-phenylether	16.401	248	122311	9.330	ng		100
68) Hexachlorobenzene	16.513	284	130535	8.874	ng		97
69) Atrazine	16.678	200	116656	8.362	ng		98
70) Pentachlorophenol	16.866	266	155788	16.623	ng		96
71) Phenanthrene	17.272	178	1781085	24.959	ng		99
72) Anthracene	17.360	178	897532	12.474	ng		100
73) Carbazole	17.636	167	584443	8.462	ng		100
74) Di-n-butylphthalate	18.242	149	703796	8.423	ng		100
75) Fluoranthene	19.360	202	1835605	22.220	ng		98
77) Benzidine	19.548	184	155726	4.413	ng		97
78) Pyrene	19.730	202	1724491	26.601	ng		100
80) Butylbenzylphthalate	20.683	149	251549	9.567	ng		99
81) Benzo(a)anthracene	21.660	228	1120852	17.301	ng		99
82) 3,3'-Dichlorobenzidine	21.566	252	163791	7.166	ng	#	97
83) Chrysene	21.724	228	1043785	17.371	ng		99
84) Bis(2-ethylhexyl)phtha...	21.607	149	454479	10.825	ng		100
85) Di-n-octyl phthalate	22.913	149	640542	9.115	ng		97
87) Indeno(1,2,3-cd)pyrene	28.906	276	1115997m	12.500	ng		
88) Benzo(b)fluoranthene	23.983	252	1247563	16.731	ng		98
89) Benzo(k)fluoranthene	24.060	252	869524	11.763	ng		98
90) Benzo(a)pyrene	24.895	252	1131841	15.762	ng		98
91) Dibenzo(a,h)anthracene	29.000	278	695705	9.514	ng		98
92) Benzo(g,h,i)perylene	30.089	276	933633	13.010	ng		99

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

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