Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024833.D
Acq On : 29 May 2025 17:47
Operator : RC/JU
Sample : Q2136-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-646-COMP-52MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

Quant Time: May 29 18:19:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	127034	20.000	ng		0.00
21) Naphthalene-d8	10.416	136	508304	20.000	ng		0.00
39) Acenaphthene-d10	14.281	164	317079	20.000	ng		0.00
64) Phenanthrene-d10	17.087	188	643680	20.000	ng		0.02
76) Chrysene-d12	21.504	240	763183	20.000	ng		0.01
86) Perylene-d12	24.780	264	927467	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	793908	106.891	ng		0.00
7) Phenol-d6	6.852	99	980681	103.456	ng		0.00
23) Nitrobenzene-d5	8.799	82	593154	58.961	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	633682	117.885	ng		0.02
45) 2-Fluorobiphenyl	12.893	172	1447653	59.815	ng		0.01
79) Terphenyl-d14	19.804	244	2548684	57.263	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	120541	34.562	ng		99
3) Pyridine	3.611	79	294603	38.095	ng		98
4) n-Nitrosodimethylamine	3.523	42	139921	40.983	ng		98
6) Aniline	6.987	93	333919	27.284	ng		98
8) 2-Chlorophenol	7.228	128	415754	49.309	ng		97
9) Benzaldehyde	6.805	77	202273	32.964	ng		95
10) Phenol	6.875	94	459699	46.986	ng		98
11) bis(2-Chloroethyl)ether	7.081	93	327072	40.684	ng		98
12) 1,3-Dichlorobenzene	7.534	146	431569	44.489	ng		98
13) 1,4-Dichlorobenzene	7.681	146	437853	44.878	ng		99
14) 1,2-Dichlorobenzene	7.993	146	422814	44.474	ng		99
15) Benzyl Alcohol	7.893	79	333687	46.323	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	377110	39.169	ng		98
17) 2-Methylphenol	8.105	107	328550	46.820	ng		96
18) Hexachloroethane	8.711	117	163618	43.763	ng		97
19) n-Nitroso-di-n-propyla...	8.452	70	255151	38.912	ng		98
20) 3+4-Methylphenols	8.428	107	442555	46.363	ng		98
22) Acetophenone	8.469	105	574444	45.242	ng	#	97
24) Nitrobenzene	8.840	77	378347	42.736	ng		92
25) Isophorone	9.358	82	727362	41.681	ng		97
26) 2-Nitrophenol	9.540	139	227585	52.461	ng		98
27) 2,4-Dimethylphenol	9.610	122	374376	48.947	ng		99
28) bis(2-Chloroethoxy)met...	9.834	93	443792	42.567	ng		98
29) 2,4-Dichlorophenol	10.087	162	387604	52.295	ng		96
30) 1,2,4-Trichlorobenzene	10.281	180	400915	48.000	ng		98
31) Naphthalene	10.463	128	1242286	47.162	ng		100
32) Benzoic acid	9.805	122	319873m	58.195	ng		
33) 4-Chloroaniline	10.587	127	178998	16.840	ng		98
34) Hexachlorobutadiene	10.746	225	254065	46.956	ng		99
35) Caprolactam	11.387	113	129285	48.211	ng		92
36) 4-Chloro-3-methylphenol	11.734	107	419959	46.462	ng		96
37) 2-Methylnaphthalene	12.075	142	787122	46.149	ng		99
38) 1-Methylnaphthalene	12.299	142	823925	45.148	ng		99
40) 1,2,4,5-Tetrachloroben...	12.451	216	453499	49.253	ng		99
41) Hexachlorocyclopentadiene	12.422	237	562859	100.813	ng		97
43) 2,4,6-Trichlorophenol	12.704	196	313731	52.605	ng		99

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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	350471	52.793	ng		97
46) 1,1'-Biphenyl	13.099	154	1111205	47.415	ng		99
47) 2-Chloronaphthalene	13.140	162	849302	47.529	ng		99
48) 2-Nitroaniline	13.357	65	240092	45.383	ng		94
49) Acenaphthylene	13.998	152	1389210	46.457	ng		100
50) Dimethylphthalate	13.740	163	1103427	45.657	ng		100
51) 2,6-Dinitrotoluene	13.869	165	241093	47.235	ng		93
52) Acenaphthene	14.345	154	785936	45.718	ng		98
53) 3-Nitroaniline	14.204	138	135498	25.999	ng		96
54) 2,4-Dinitrophenol	14.422	184	324630	99.192	ng		94
55) Dibenzofuran	14.687	168	1263880	46.092	ng		97
56) 4-Nitrophenol	14.557	139	410052	90.305	ng		98
57) 2,4-Dinitrotoluene	14.669	165	353341	49.103	ng		97
58) Fluorene	15.345	166	1055527	47.209	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	315300	51.200	ng		95
60) Diethylphthalate	15.122	149	1218597	49.888	ng		99
61) 4-Chlorophenyl-phenyle...	15.340	204	531264	47.645	ng		98
62) 4-Nitroaniline	15.393	138	257938m	51.257	ng		
63) Azobenzene	15.634	77	986278	47.198	ng		94
65) 4,6-Dinitro-2-methylph...	15.451	198	210422	50.609	ng		98
66) n-Nitrosodiphenylamine	15.557	169	932564	47.168	ng		99
67) 4-Bromophenyl-phenylether	16.251	248	365595	48.201	ng		98
68) Hexachlorobenzene	16.375	284	466737	48.427	ng		97
69) Atrazine	16.545	200	359069	49.557	ng		99
70) Pentachlorophenol	16.734	266	637936	117.914	ng		99
71) Phenanthrene	17.122	178	1649361	46.093	ng		100
72) Anthracene	17.216	178	1702132	47.279	ng		100
73) Carbazole	17.510	167	1597395	49.022	ng		99
74) Di-n-butylphthalate	18.098	149	2057989	49.108	ng		99
75) Fluoranthene	19.210	202	2037251	48.705	ng		99
77) Benzidine	19.416	184	865361	41.632	ng		99
78) Pyrene	19.592	202	2132054	46.625	ng		100
80) Butylbenzylphthalate	20.533	149	1020357	50.172	ng		93
81) Benzo(a)anthracene	21.486	228	2295882	47.909	ng		99
82) 3,3'-Dichlorobenzidine	21.422	252	594635	33.408	ng		100
83) Chrysene	21.551	228	2154241	47.422	ng		100
84) Bis(2-ethylhexyl)phtha...	21.422	149	1509280	50.491	ng		98
85) Di-n-octyl phthalate	22.663	149	2589596	52.977	ng		98
87) Indeno(1,2,3-cd)pyrene	28.498	276	3275755	48.379	ng	#	89
88) Benzo(b)fluoranthene	23.745	252	2444268	46.043	ng		99
89) Benzo(k)fluoranthene	23.804	252	2522585	46.115	ng		99
90) Benzo(a)pyrene	24.627	252	2384516	46.769	ng		99
91) Dibenzo(a,h)anthracene	28.568	278	2660559	48.299	ng		99
92) Benzo(g,h,i)perylene	29.656	276	2637893	48.155	ng		98

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

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