Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024216.D
Acq On : 08 Apr 2025 17:07
Operator : RC/JU
Sample : Q1730-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OU4-VSL-15-040325MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 04/09/2025
Supervised By :Jagrut Upadhyay 04/09/2025

Quant Time: Apr 09 07:17:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	380397	20.000	ng		-0.03
21) Naphthalene-d8	10.522	136	1449915	20.000	ng		-0.03
39) Acenaphthene-d10	14.375	164	839080	20.000	ng		-0.03
64) Phenanthrene-d10	17.192	188	1580328	20.000	ng		-0.01
76) Chrysene-d12	21.651	240	1682505	20.000	ng		0.00
86) Perylene-d12	25.027	264	1850740	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	2367585	99.352	ng		-0.02
7) Phenol-d6	6.922	99	3130379	98.232	ng		-0.03
23) Nitrobenzene-d5	8.893	82	1836191	71.452	ng		-0.03
42) 2,4,6-Tribromophenol	15.904	330	1027917	97.255	ng		-0.01
45) 2-Fluorobiphenyl	12.987	172	4111962	72.260	ng		-0.03
79) Terphenyl-d14	19.916	244	6222833	76.346	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	432478	45.784	ng		98
3) Pyridine	3.693	79	1148465	44.474	ng		98
4) n-Nitrosodimethylamine	3.605	42	393821	45.654	ng		93
6) Aniline	7.075	93	917836	31.613	ng		99
8) 2-Chlorophenol	7.311	128	1240499	48.193	ng		99
9) Benzaldehyde	6.887	77	686585	44.646	ng		97
10) Phenol	6.946	94	1556681	48.389	ng		100
11) bis(2-Chloroethyl)ether	7.169	93	1177449	46.412	ng		99
12) 1,3-Dichlorobenzene	7.628	146	1327658	47.830	ng		100
13) 1,4-Dichlorobenzene	7.775	146	1339287	47.255	ng		99
14) 1,2-Dichlorobenzene	8.087	146	1281491	47.119	ng		99
15) Benzyl Alcohol	7.981	79	981332	48.641	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	1277718	49.347	ng		98
17) 2-Methylphenol	8.181	107	999051	49.524	ng		100
18) Hexachloroethane	8.810	117	487778	48.511	ng		99
19) n-Nitroso-di-n-propyla...	8.540	70	844945	45.704	ng		100
20) 3+4-Methylphenols	8.511	107	1339818	48.343	ng		99
22) Acetophenone	8.558	105	1724781	47.052	ng	#	99
24) Nitrobenzene	8.934	77	1237531	48.816	ng		100
25) Isophorone	9.458	82	2319434	52.653	ng		99
26) 2-Nitrophenol	9.640	139	620425	51.235	ng		98
27) 2,4-Dimethylphenol	9.705	122	1066285	68.478	ng		99
28) bis(2-Chloroethoxy)met...	9.934	93	1515014	48.887	ng		100
29) 2,4-Dichlorophenol	10.175	162	1050894	49.890	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	1125451	48.360	ng		99
31) Naphthalene	10.569	128	3537552	46.027	ng		100
32) Benzoic acid	9.857	122	742024	48.862	ng		99
33) 4-Chloroaniline	10.681	127	381793	13.881	ng		99
34) Hexachlorobutadiene	10.863	225	664593	49.620	ng		100
35) Caprolactam	11.475	113	344309m	49.874	ng		
36) 4-Chloro-3-methylphenol	11.816	107	1133612	49.887	ng		99
37) 2-Methylnaphthalene	12.181	142	2200763	42.385	ng		100
38) 1-Methylnaphthalene	12.404	142	2294653	45.436	ng		99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1179733	48.638	ng		99
41) Hexachlorocyclopentadiene	12.540	237	1549799	177.258	ng		99
43) 2,4,6-Trichlorophenol	12.799	196	804117	52.166	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	881887	52.168	ng	99
46) 1,1'-Biphenyl	13.198	154	3050999	48.388	ng	99
47) 2-Chloronaphthalene	13.240	162	2314992	48.812	ng	99
48) 2-Nitroaniline	13.446	65	649900	53.576	ng	97
49) Acenaphthylene	14.093	152	3804944	53.022	ng	100
50) Dimethylphthalate	13.834	163	2848116	48.510	ng	100
51) 2,6-Dinitrotoluene	13.951	165	637088	51.573	ng	98
52) Acenaphthene	14.445	154	2172104	47.374	ng	99
53) 3-Nitroaniline	14.287	138	240615	18.034	ng	97
54) 2,4-Dinitrophenol	14.493	184	776688	118.823	ng	97
55) Dibenzofuran	14.781	168	3408533	45.894	ng	99
56) 4-Nitrophenol	14.616	139	1242109	111.415	ng	98
57) 2,4-Dinitrotoluene	14.745	165	876316	53.704	ng	98
58) Fluorene	15.445	166	2765323	47.788	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	745474	49.913	ng	99
60) Diethylphthalate	15.222	149	2877884	49.222	ng	99
61) 4-Chlorophenyl-phenyle...	15.440	204	1356787	47.805	ng	97
62) 4-Nitroaniline	15.469	138	663283	47.399	ng	98
63) Azobenzene	15.740	77	3124242	56.694	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	499710	53.264	ng	98
66) n-Nitrosodiphenylamine	15.663	169	2446073	50.971	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	871839	50.249	ng	97
68) Hexachlorobenzene	16.481	284	1015816	49.465	ng	98
69) Atrazine	16.651	200	852340	73.585	ng	100
70) Pentachlorophenol	16.834	266	1434267	107.999	ng	99
71) Phenanthrene	17.234	178	4270042	49.460	ng	100
72) Anthracene	17.334	178	4357809	51.826	ng	100
73) Carbazole	17.610	167	4062352	50.097	ng	99
74) Di-n-butylphthalate	18.210	149	5130594	53.298	ng	99
75) Fluoranthene	19.333	202	4986707	49.873	ng	100
77) Benzidine	19.522	184	1629821	88.599	ng	99
78) Pyrene	19.704	202	5117907	48.928	ng	100
80) Butylbenzylphthalate	20.657	149	2450988	56.821	ng	98
81) Benzo(a)anthracene	21.633	228	5174331	49.465	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	828540	23.633	ng	98
83) Chrysene	21.698	228	4898522	48.713	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	3665117	56.311	ng	100
85) Di-n-octyl phthalate	22.869	149	6192962	59.386	ng	100
87) Indeno(1,2,3-cd)pyrene	28.886	276	6436692	49.832	ng	98
88) Benzo(b)fluoranthene	23.980	252	5411714	48.497	ng	98
89) Benzo(k)fluoranthene	24.045	252	5368785	49.185	ng	100
90) Benzo(a)pyrene	24.886	252	5214524	53.740	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	5299144	49.312	ng	98
92) Benzo(g,h,i)perylene	30.092	276	5111770m	46.795	ng	

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

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