Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024235.D
Acq On : 09 Apr 2025 14:59
Operator : RC/JU
Sample : Q1712-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
Z-05AMS

Quant Time: Apr 10 02:01:31 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	270984	20.000	ng		-0.03
21) Naphthalene-d8	10.516	136	1090214	20.000	ng		-0.04
39) Acenaphthene-d10	14.381	164	692071	20.000	ng		-0.02
64) Phenanthrene-d10	17.192	188	1402974	20.000	ng		-0.01
76) Chrysene-d12	21.627	240	1629667	20.000	ng		-0.03
86) Perylene-d12	25.004	264	1799050	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	2277436	134.157	ng		-0.02
7) Phenol-d6	6.922	99	2747899	121.046	ng		-0.03
23) Nitrobenzene-d5	8.887	82	1808210	93.579	ng		-0.04
42) 2,4,6-Tribromophenol	15.904	330	1348057	154.638	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	3982098	84.843	ng		-0.02
79) Terphenyl-d14	19.904	244	7252316	91.862	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	265840	39.506	ng	#	75
3) Pyridine	3.699	79	642616	34.933	ng		98
4) n-Nitrosodimethylamine	3.605	42	263840	42.936	ng		96
6) Aniline	7.075	93	586138	28.339	ng		99
8) 2-Chlorophenol	7.316	128	841681	45.902	ng		98
9) Benzaldehyde	6.893	77	389619	35.565	ng		98
10) Phenol	6.952	94	982968	42.892	ng		100
11) bis(2-Chloroethyl)ether	7.169	93	807543	44.684	ng		98
12) 1,3-Dichlorobenzene	7.634	146	840076	42.484	ng		100
13) 1,4-Dichlorobenzene	7.775	146	851542	42.177	ng		99
14) 1,2-Dichlorobenzene	8.087	146	834584	43.077	ng		99
15) Benzyl Alcohol	7.981	79	720438	50.127	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.258	45	872182	47.286	ng		96
17) 2-Methylphenol	8.181	107	710282	49.426	ng		99
18) Hexachloroethane	8.810	117	304911	42.568	ng		99
19) n-Nitroso-di-n-propyla...	8.540	70	609100	46.249	ng		98
20) 3+4-Methylphenols	8.505	107	969793	49.120	ng		98
22) Acetophenone	8.552	105	1234466	44.787	ng	#	98
24) Nitrobenzene	8.928	77	892165	46.804	ng		98
25) Isophorone	9.452	82	1739699	52.523	ng		100
26) 2-Nitrophenol	9.634	139	438012	48.105	ng		99
27) 2,4-Dimethylphenol	9.699	122	786545	67.179	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	1079269	46.317	ng		100
29) 2,4-Dichlorophenol	10.169	162	780174	49.258	ng		98
30) 1,2,4-Trichlorobenzene	10.381	180	754982	43.144	ng		100
31) Naphthalene	10.563	128	2495466	43.181	ng		100
32) Benzoic acid	9.840	122	564235	49.414	ng		98
33) 4-Chloroaniline	10.681	127	238189	11.517	ng		99
34) Hexachlorobutadiene	10.852	225	425450	42.245	ng		98
35) Caprolactam	11.469	113	243422	46.894	ng		92
36) 4-Chloro-3-methylphenol	11.810	107	910400	53.283	ng		99
37) 2-Methylnaphthalene	12.181	142	1609854	41.234	ng		99
38) 1-Methylnaphthalene	12.399	142	1696761	44.683	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	847246	42.350	ng		99
41) Hexachlorocyclopentadiene	12.534	237	1026085	142.287	ng		99
43) 2,4,6-Trichlorophenol	12.793	196	627082	49.322	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	701418	50.306	ng	99
46) 1,1'-Biphenyl	13.204	154	2331388	44.829	ng	99
47) 2-Chloronaphthalene	13.246	162	1761462	45.030	ng	99
48) 2-Nitroaniline	13.446	65	558019	55.773	ng	99
49) Acenaphthylene	14.098	152	3006607	50.797	ng	100
50) Dimethylphthalate	13.834	163	2396925	49.497	ng	100
51) 2,6-Dinitrotoluene	13.957	165	522334	51.265	ng	99
52) Acenaphthene	14.445	154	1734273	45.859	ng	100
53) 3-Nitroaniline	14.287	138	259293	23.562	ng	94
54) 2,4-Dinitrophenol	14.493	184	569182	105.574	ng	95
55) Dibenzofuran	14.787	168	2775341	45.306	ng	97
56) 4-Nitrophenol	14.622	139	1032945	112.334	ng	99
57) 2,4-Dinitrotoluene	14.751	165	763255	56.711	ng	99
58) Fluorene	15.445	166	2292612	48.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	620712	50.387	ng	98
60) Diethylphthalate	15.228	149	2429766	50.386	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1089083	46.524	ng	95
62) 4-Nitroaniline	15.475	138	574089	49.739	ng	99
63) Azobenzene	15.745	77	2255024	49.613	ng	97
65) 4,6-Dinitro-2-methylph...	15.534	198	397241	47.694	ng	98
66) n-Nitrosodiphenylamine	15.669	169	2036795	47.808	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	705104	45.776	ng	98
68) Hexachlorobenzene	16.487	284	854832	46.888	ng	99
69) Atrazine	16.651	200	744691	72.419	ng	99
70) Pentachlorophenol	16.839	266	1255086	106.453	ng	100
71) Phenanthrene	17.239	178	3706248	48.357	ng	100
72) Anthracene	17.328	178	3690284	49.436	ng	100
73) Carbazole	17.604	167	3765982	52.313	ng	99
74) Di-n-butylphthalate	18.204	149	4508432	52.756	ng	99
75) Fluoranthene	19.310	202	4476626	50.431	ng	99
77) Benzidine	19.498	184	613019	34.405	ng	99
78) Pyrene	19.686	202	4742564	46.810	ng	100
80) Butylbenzylphthalate	20.639	149	2217907	53.085	ng	98
81) Benzo(a)anthracene	21.610	228	4980721	49.158	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	996695	29.351	ng	100
83) Chrysene	21.674	228	4549808	46.712	ng	100
84) Bis(2-ethylhexyl)phtha...	21.551	149	3290636	52.197	ng	100
85) Di-n-octyl phthalate	22.833	149	5598662	55.428	ng	100
87) Indeno(1,2,3-cd)pyrene	28.833	276	6277815	49.999	ng	95
88) Benzo(b)fluoranthene	23.933	252	5186382	47.813	ng	98
89) Benzo(k)fluoranthene	24.010	252	5108550	48.146	ng	100
90) Benzo(a)pyrene	24.845	252	4840863	51.322	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	5161466	49.411	ng	98
92) Benzo(g,h,i)perylene	30.033	276	5017602	47.252	ng	98

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

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