Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024236.D
Acq On : 09 Apr 2025 15:39
Operator : RC/JU
Sample : Q1712-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
Z-05AMSD

Quant Time: Apr 10 02:07:20 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	293963	20.000	ng		-0.03
21) Naphthalene-d8	10.516	136	1159024	20.000	ng		-0.04
39) Acenaphthene-d10	14.375	164	692350	20.000	ng		-0.03
64) Phenanthrene-d10	17.181	188	1331246	20.000	ng		-0.02
76) Chrysene-d12	21.633	240	1362100	20.000	ng		-0.02
86) Perylene-d12	25.004	264	1480737	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	2573989	139.773	ng		-0.02
7) Phenol-d6	6.928	99	3091811	125.549	ng		-0.02
23) Nitrobenzene-d5	8.887	82	2042009	99.405	ng		-0.04
42) 2,4,6-Tribromophenol	15.893	330	1393735	159.813	ng		-0.02
45) 2-Fluorobiphenyl	12.987	172	4329349	92.204	ng		-0.03
79) Terphenyl-d14	19.904	244	6668256	101.056	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	299751	41.063	ng	#	75
3) Pyridine	3.705	79	727927	36.477	ng		99
4) n-Nitrosodimethylamine	3.605	42	297354	44.607	ng		99
6) Aniline	7.075	93	647424	28.855	ng		98
8) 2-Chlorophenol	7.316	128	977180	49.125	ng		99
9) Benzaldehyde	6.893	77	441868	37.181	ng		98
10) Phenol	6.952	94	1111688	44.717	ng		100
11) bis(2-Chloroethyl)ether	7.169	93	909262	46.379	ng		98
12) 1,3-Dichlorobenzene	7.634	146	962915	44.890	ng		99
13) 1,4-Dichlorobenzene	7.775	146	982397	44.855	ng		98
14) 1,2-Dichlorobenzene	8.093	146	951298	45.263	ng		99
15) Benzyl Alcohol	7.981	79	823487	52.819	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.264	45	976470	48.801	ng		96
17) 2-Methylphenol	8.187	107	798158	51.199	ng		100
18) Hexachloroethane	8.811	117	350878	45.156	ng		99
19) n-Nitroso-di-n-propyla...	8.540	70	679320	47.549	ng		99
20) 3+4-Methylphenols	8.511	107	1078168	50.340	ng		100
22) Acetophenone	8.558	105	1390606	47.457	ng	#	100
24) Nitrobenzene	8.928	77	1002835	49.486	ng		99
25) Isophorone	9.452	82	1913326	54.335	ng		100
26) 2-Nitrophenol	9.634	139	503733	52.039	ng		100
27) 2,4-Dimethylphenol	9.699	122	876284	70.401	ng		98
28) bis(2-Chloroethoxy)met...	9.934	93	1216909	49.123	ng		100
29) 2,4-Dichlorophenol	10.169	162	863813	51.301	ng		98
30) 1,2,4-Trichlorobenzene	10.381	180	866083	46.555	ng		99
31) Naphthalene	10.569	128	2826378	46.003	ng		100
32) Benzoic acid	9.840	122	575539	47.411	ng		100
33) 4-Chloroaniline	10.675	127	300692	13.676	ng		98
34) Hexachlorobutadiene	10.857	225	485212	45.319	ng		99
35) Caprolactam	11.469	113	260114	47.135	ng		100
36) 4-Chloro-3-methylphenol	11.810	107	976162	53.740	ng		99
37) 2-Methylnaphthalene	12.181	142	1787474	43.065	ng		100
38) 1-Methylnaphthalene	12.399	142	1873554	46.409	ng		100
40) 1,2,4,5-Tetrachloroben...	12.552	216	939428	46.939	ng		99
41) Hexachlorocyclopentadiene	12.534	237	1132561	156.989	ng		98
43) 2,4,6-Trichlorophenol	12.793	196	687129	54.023	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	762883	54.692	ng		99
46) 1,1'-Biphenyl	13.199	154	2539052	48.803	ng		99
47) 2-Chloronaphthalene	13.240	162	1903244	48.635	ng		100
48) 2-Nitroaniline	13.446	65	585973	58.544	ng		99
49) Acenaphthylene	14.093	152	3210884	54.226	ng		100
50) Dimethylphthalate	13.834	163	2474892	51.087	ng		100
51) 2,6-Dinitrotoluene	13.946	165	550356	53.993	ng		99
52) Acenaphthene	14.446	154	1862762	49.237	ng		99
53) 3-Nitroaniline	14.281	138	247010	22.437	ng		97
54) 2,4-Dinitrophenol	14.493	184	526614	97.639	ng		94
55) Dibenzofuran	14.781	168	2935792	47.906	ng		99
56) 4-Nitrophenol	14.610	139	1022863	111.193	ng		99
57) 2,4-Dinitrotoluene	14.746	165	794086	58.978	ng		99
58) Fluorene	15.445	166	2387738	50.008	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.010	232	649836	52.730	ng		98
60) Diethylphthalate	15.216	149	2461820	51.030	ng		100
61) 4-Chlorophenyl-phenyle...	15.434	204	1146055	48.938	ng		98
62) 4-Nitroaniline	15.469	138	576450	49.924	ng		99
63) Azobenzene	15.740	77	2318516	50.990	ng		99
65) 4,6-Dinitro-2-methylph...	15.522	198	389853	49.329	ng		98
66) n-Nitrosodiphenylamine	15.657	169	2114246	52.300	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	738122	50.501	ng		98
68) Hexachlorobenzene	16.469	284	888185	51.342	ng		99
69) Atrazine	16.640	200	725036	74.306	ng		99
70) Pentachlorophenol	16.822	266	1241155	110.944	ng		100
71) Phenanthrene	17.222	178	3697430	50.841	ng		100
72) Anthracene	17.316	178	3755803	53.024	ng		99
73) Carbazole	17.592	167	3628458	53.119	ng		100
74) Di-n-butylphthalate	18.181	149	4264277	52.587	ng		100
75) Fluoranthene	19.304	202	4311157	51.184	ng		99
77) Benzidine	19.504	184	541027	36.329	ng		99
78) Pyrene	19.681	202	4433975	52.361	ng		100
80) Butylbenzylphthalate	20.633	149	1949408	55.824	ng		98
81) Benzo(a)anthracene	21.616	228	4407048	52.040	ng		100
82) 3,3'-Dichlorobenzidine	21.533	252	866402	30.526	ng		99
83) Chrysene	21.680	228	4154155	51.028	ng		99
84) Bis(2-ethylhexyl)phtha...	21.551	149	2761242	52.403	ng		99
85) Di-n-octyl phthalate	22.845	149	4579940	54.249	ng		100
87) Indeno(1,2,3-cd)pyrene	28.839	276	5654627	54.717	ng	#	93
88) Benzo(b)fluoranthene	23.945	252	4597713	51.498	ng		99
89) Benzo(k)fluoranthene	24.022	252	4538279	51.966	ng		99
90) Benzo(a)pyrene	24.851	252	4299996	55.388	ng		99
91) Dibenzo(a,h)anthracene	28.927	278	4670019	54.317	ng		98
92) Benzo(g,h,i)perylene	30.039	276	4570807	52.298	ng		98

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

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