Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024231.D
Acq On : 09 Apr 2025 12:15
Operator : RC/JU
Sample : Q1730-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Apr 10 01:57:54 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	281108	20.000	ng		-0.03
21) Naphthalene-d8	10.516	136	1119091	20.000	ng		-0.04
39) Acenaphthene-d10	14.374	164	687797	20.000	ng		-0.03
64) Phenanthrene-d10	17.180	188	1328842	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1384500	20.000	ng		-0.02
86) Perylene-d12	25.003	264	1577239	20.000	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1819928	103.345	ng		-0.02
7) Phenol-d6	6.922	99	2475078	105.102	ng		-0.03
23) Nitrobenzene-d5	8.887	82	1435411	72.369	ng		-0.04
42) 2,4,6-Tribromophenol	15.886	330	855408	98.735	ng		-0.03
45) 2-Fluorobiphenyl	12.986	172	3280261	70.324	ng		-0.03
79) Terphenyl-d14	19.909	244	5187087	77.337	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	317706	45.513	ng		97
3) Pyridine	3.687	79	868827	45.529	ng		99
4) n-Nitrosodimethylamine	3.599	42	304479	47.764	ng	#	95
6) Aniline	7.075	93	636625	29.672	ng		98
8) 2-Chlorophenol	7.310	128	953022	50.102	ng		98
9) Benzaldehyde	6.887	77	524999	46.196	ng		97
10) Phenol	6.945	94	1233551	51.888	ng		99
11) bis(2-Chloroethyl)ether	7.169	93	891121	47.533	ng		99
12) 1,3-Dichlorobenzene	7.628	146	988820	48.206	ng		100
13) 1,4-Dichlorobenzene	7.775	146	1003118	47.895	ng		98
14) 1,2-Dichlorobenzene	8.087	146	956599	47.596	ng		98
15) Benzyl Alcohol	7.981	79	791078	53.060	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.257	45	964724	50.419	ng		97
17) 2-Methylphenol	8.181	107	790144	53.003	ng		98
18) Hexachloroethane	8.810	117	360239	48.481	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	659556	48.277	ng		99
20) 3+4-Methylphenols	8.504	107	1070403	52.263	ng		99
22) Acetophenone	8.551	105	1329945	47.006	ng		99
24) Nitrobenzene	8.928	77	958156	48.968	ng		99
25) Isophorone	9.451	82	1824153	53.651	ng		99
26) 2-Nitrophenol	9.634	139	490139	52.441	ng		100
27) 2,4-Dimethylphenol	9.698	122	820298	68.254	ng		98
28) bis(2-Chloroethoxy)met...	9.928	93	1174695	49.111	ng		100
29) 2,4-Dichlorophenol	10.169	162	840904	51.723	ng		99
30) 1,2,4-Trichlorobenzene	10.381	180	846155	47.107	ng		100
31) Naphthalene	10.569	128	2730588	46.030	ng		100
32) Benzoic acid	9.845	122	675754	57.653	ng		97
33) 4-Chloroaniline	10.675	127	392859	18.506	ng		99
34) Hexachlorobutadiene	10.851	225	484291	46.847	ng		98
35) Caprolactam	11.469	113	302043	56.686	ng		97
36) 4-Chloro-3-methylphenol	11.810	107	937414	53.448	ng		99
37) 2-Methylnaphthalene	12.180	142	1731705	43.210	ng		99
38) 1-Methylnaphthalene	12.398	142	1805790	46.327	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	911843	45.862	ng		99
41) Hexachlorocyclopentadiene	12.533	237	1255898	175.238	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	653973	51.757	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	732067	52.830	ng	99
46) 1,1'-Biphenyl	13.198	154	2399237	46.421	ng	99
47) 2-Chloronaphthalene	13.239	162	1847743	47.529	ng	99
48) 2-Nitroaniline	13.445	65	556993	56.017	ng	97
49) Acenaphthylene	14.092	152	3103808	52.765	ng	100
50) Dimethylphthalate	13.827	163	2338909	48.599	ng	99
51) 2,6-Dinitrotoluene	13.945	165	525176	51.864	ng	99
52) Acenaphthene	14.445	154	1776413	47.265	ng	98
53) 3-Nitroaniline	14.280	138	247933	22.670	ng	98
54) 2,4-Dinitrophenol	14.492	184	693735	129.477	ng	98
55) Dibenzofuran	14.780	168	2781282	45.685	ng	99
56) 4-Nitrophenol	14.610	139	1086728	118.918	ng	97
57) 2,4-Dinitrotoluene	14.751	165	736493	55.063	ng	97
58) Fluorene	15.439	166	2287142	48.218	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	627051	51.218	ng	99
60) Diethylphthalate	15.216	149	2375103	49.558	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1091368	46.911	ng	99
62) 4-Nitroaniline	15.463	138	566183	49.359	ng	99
63) Azobenzene	15.733	77	2590747	57.354	ng	98
65) 4,6-Dinitro-2-methylph...	15.521	198	420734	53.333	ng	98
66) n-Nitrosodiphenylamine	15.663	169	1994927	49.438	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	710539	48.702	ng	98
68) Hexachlorobenzene	16.463	284	816929	47.309	ng	96
69) Atrazine	16.633	200	723151	74.247	ng	99
70) Pentachlorophenol	16.827	266	1231248	110.257	ng	100
71) Phenanthrene	17.221	178	3556819	48.996	ng	99
72) Anthracene	17.321	178	3617810	51.168	ng	100
73) Carbazole	17.598	167	3495657	51.267	ng	99
74) Di-n-butylphthalate	18.192	149	4265840	52.702	ng	99
75) Fluoranthene	19.315	202	4145716	49.309	ng	99
77) Benzidine	19.521	184	1493656	98.674	ng	99
78) Pyrene	19.692	202	4308248	50.053	ng	100
80) Butylbenzylphthalate	20.639	149	2002861	56.426	ng	98
81) Benzo(a)anthracene	21.621	228	4370438	50.773	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	933391	32.354	ng	100
83) Chrysene	21.686	228	4036729	48.783	ng	99
84) Bis(2-ethylhexyl)phtha...	21.556	149	2890618	53.971	ng	100
85) Di-n-octyl phthalate	22.845	149	4920837	57.344	ng	100
87) Indeno(1,2,3-cd)pyrene	28.827	276	5796219	52.655	ng	94
88) Benzo(b)fluoranthene	23.939	252	4593867	48.307	ng	97
89) Benzo(k)fluoranthene	24.015	252	4451059	47.849	ng	100
90) Benzo(a)pyrene	24.862	252	4402724	53.241	ng	99
91) Dibenzo(a,h)anthracene	28.921	278	4773931	52.128	ng	99
92) Benzo(g,h,i)perylene	30.015	276	4701649	50.504	ng	97

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

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