Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
Data File : BP024137.D
Acq On : 28 Feb 2025 16:14
Operator : RC/JU
Sample : PB166907BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB166907BSD

Quant Time: Feb 28 16:41:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	428096	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1842676	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	1074659	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1810076	20.000	ng		0.02
76) Chrysene-d12	21.657	240	1558432	20.000	ng		0.01
86) Perylene-d12	25.057	264	1706489	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	4162692	151.725	ng		0.00
7) Phenol-d6	6.946	99	5308119	150.533	ng		0.00
23) Nitrobenzene-d5	8.910	82	3028989	91.706	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	1945610	147.805	ng		0.01
45) 2-Fluorobiphenyl	13.010	172	6861743	89.263	ng		0.00
79) Terphenyl-d14	19.921	244	8240562	104.631	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	363228	33.749	ng		99
3) Pyridine	3.705	79	940133	33.598	ng		99
4) n-Nitrosodimethylamine	3.611	42	383494	38.637	ng		93
6) Aniline	7.093	93	1559847	48.303	ng		99
8) 2-Chlorophenol	7.334	128	1412221	48.632	ng		98
9) Benzaldehyde	6.910	77	480366	29.838	ng		98
10) Phenol	6.975	94	1763479	49.733	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	1261733	45.178	ng		99
12) 1,3-Dichlorobenzene	7.652	146	1312003	41.126	ng		100
13) 1,4-Dichlorobenzene	7.799	146	1346738	41.743	ng		100
14) 1,2-Dichlorobenzene	8.110	146	1308355	42.256	ng		99
15) Benzyl Alcohol	7.999	79	1147170	53.148	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1353932	49.940	ng		98
17) 2-Methylphenol	8.204	107	1161291	53.743	ng		99
18) Hexachloroethane	8.834	117	486138	41.841	ng		99
19) n-Nitroso-di-n-propyla...	8.563	70	947624	49.981	ng		98
20) 3+4-Methylphenols	8.534	107	1581663	53.806	ng		97
22) Acetophenone	8.575	105	2146292	45.326	ng	#	99
24) Nitrobenzene	8.951	77	1389627	42.750	ng		99
25) Isophorone	9.475	82	2576985	47.711	ng		99
26) 2-Nitrophenol	9.657	139	727574	48.583	ng		98
27) 2,4-Dimethylphenol	9.722	122	1197830	60.932	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	1716911	43.879	ng		100
29) 2,4-Dichlorophenol	10.198	162	1277068	47.603	ng		100
30) 1,2,4-Trichlorobenzene	10.404	180	1234807	40.172	ng		98
31) Naphthalene	10.587	128	4031415	40.688	ng		100
32) Benzoic acid	9.887	122	1027518	49.533	ng		97
33) 4-Chloroaniline	10.698	127	758784	21.739	ng		99
34) Hexachlorobutadiene	10.875	225	726380	40.800	ng		99
35) Caprolactam	11.498	113	420725	46.727	ng		97
36) 4-Chloro-3-methylphenol	11.840	107	1300454	47.153	ng		99
37) 2-Methylnaphthalene	12.204	142	2696516	40.947	ng		99
38) 1-Methylnaphthalene	12.422	142	2629628	41.047	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	1523602	46.143	ng		99
41) Hexachlorocyclopentadiene	12.557	237	1674154	136.255	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	949004	47.127	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	1023197	46.461	ng	99
46) 1,1'-Biphenyl	13.222	154	3880890	46.473	ng	98
47) 2-Chloronaphthalene	13.263	162	2672300	42.332	ng	100
48) 2-Nitroaniline	13.469	65	724018	48.553	ng	97
49) Acenaphthylene	14.116	152	4192271	45.075	ng	99
50) Dimethylphthalate	13.857	163	3155170	41.622	ng	100
51) 2,6-Dinitrotoluene	13.963	165	688985	44.618	ng	97
52) Acenaphthene	14.469	154	2489842	41.571	ng	99
53) 3-Nitroaniline	14.298	138	467132	28.349	ng	98
54) 2,4-Dinitrophenol	14.516	184	860367	84.072	ng	91
55) Dibenzofuran	14.810	168	3857598	39.648	ng	98
56) 4-Nitrophenol	14.634	139	1331298	93.532	ng	95
57) 2,4-Dinitrotoluene	14.769	165	947633	47.241	ng	97
58) Fluorene	15.469	166	3146107	41.403	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	842125	44.074	ng	98
60) Diethylphthalate	15.239	149	3078448	40.909	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1563809	41.811	ng	96
62) 4-Nitroaniline	15.486	138	715662	37.461	ng	95
63) Azobenzene	15.763	77	2945699	41.774	ng	98
65) 4,6-Dinitro-2-methylph...	15.545	198	489523	42.840	ng	96
66) n-Nitrosodiphenylamine	15.686	169	2648736	46.925	ng	100
67) 4-Bromophenyl-phenylether	16.380	248	953194	46.895	ng	97
68) Hexachlorobenzene	16.492	284	1112826	46.528	ng	99
69) Atrazine	16.657	200	975798	67.362	ng	99
70) Pentachlorophenol	16.851	266	1525967	98.233	ng	100
71) Phenanthrene	17.251	178	4401083	43.127	ng	100
72) Anthracene	17.339	178	4491044	45.923	ng	100
73) Carbazole	17.622	167	4066653	43.645	ng	100
74) Di-n-butylphthalate	18.204	149	4988433	45.883	ng	99
75) Fluoranthene	19.327	202	4643250	40.227	ng	99
77) Benzidine	19.527	184	1979838	104.255	ng	99
78) Pyrene	19.704	202	4758681	48.072	ng	100
80) Butylbenzylphthalate	20.651	149	2041436	53.818	ng	93
81) Benzo(a)anthracene	21.633	228	4488862	45.935	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1438123	47.095	ng	99
83) Chrysene	21.704	228	4144426	43.982	ng	100
84) Bis(2-ethylhexyl)phtha...	21.574	149	2990739	51.993	ng	99
85) Di-n-octyl phthalate	22.874	149	4896446	53.254	ng	98
87) Indeno(1,2,3-cd)pyrene	28.915	276	5653780	46.571	ng	99
88) Benzo(b)fluoranthene	23.980	252	4470011	41.249	ng	99
89) Benzo(k)fluoranthene	24.051	252	4528162	42.929	ng	99
90) Benzo(a)pyrene	24.892	252	4311445	46.881	ng	99
91) Dibenzo(a,h)anthracene	28.997	278	4679153	45.840	ng	99
92) Benzo(g,h,i)perylene	30.109	276	4443888	42.902	ng	99

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

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