Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
Data File : BP024213.D
Acq On : 08 Apr 2025 15:04
Operator : RC/JU
Sample : PB167474BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Quant Time: Apr 09 07:14:10 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	432520	20.000	ng		-0.03
21) Naphthalene-d8	10.522	136	1663507	20.000	ng		-0.03
39) Acenaphthene-d10	14.387	164	944043	20.000	ng		-0.02
64) Phenanthrene-d10	17.192	188	1779009	20.000	ng		-0.01
76) Chrysene-d12	21.645	240	1788682	20.000	ng		-0.01
86) Perylene-d12	25.033	264	1910295	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	3488994	128.767	ng		-0.02
7) Phenol-d6	6.928	99	4252456	117.362	ng		-0.02
23) Nitrobenzene-d5	8.893	82	2507924	85.061	ng		-0.03
42) 2,4,6-Tribromophenol	15.904	330	1588438	133.578	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	5307334	82.897	ng		-0.02
79) Terphenyl-d14	19.916	244	7752383	89.466	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	430011	40.037	ng		98
3) Pyridine	3.699	79	1163440	39.624	ng		100
4) n-Nitrosodimethylamine	3.605	42	417062	42.522	ng		96
6) Aniline	7.081	93	1404797	42.554	ng		98
8) 2-Chlorophenol	7.317	128	1281285	43.779	ng		98
9) Benzaldehyde	6.893	77	703975	40.260	ng		97
10) Phenol	6.952	94	1601100	43.772	ng		100
11) bis(2-Chloroethyl)ether	7.169	93	1228503	42.589	ng		97
12) 1,3-Dichlorobenzene	7.634	146	1397403	44.276	ng		100
13) 1,4-Dichlorobenzene	7.781	146	1406489	43.646	ng		99
14) 1,2-Dichlorobenzene	8.093	146	1340828	43.359	ng		99
15) Benzyl Alcohol	7.981	79	996163	43.426	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.264	45	1352823	45.951	ng		97
17) 2-Methylphenol	8.187	107	1030791	44.940	ng		99
18) Hexachloroethane	8.816	117	514776	45.026	ng		98
19) n-Nitroso-di-n-propyla...	8.546	70	875299	41.640	ng		99
20) 3+4-Methylphenols	8.516	107	1376966	43.696	ng		99
22) Acetophenone	8.558	105	1795686	42.697	ng	#	99
24) Nitrobenzene	8.934	77	1303028	44.800	ng		99
25) Isophorone	9.463	82	2368131	46.856	ng		100
26) 2-Nitrophenol	9.640	139	627546	45.169	ng		99
27) 2,4-Dimethylphenol	9.705	122	1133961	63.474	ng		99
28) bis(2-Chloroethoxy)met...	9.934	93	1573265	44.249	ng		99
29) 2,4-Dichlorophenol	10.175	162	1082112	44.776	ng		98
30) 1,2,4-Trichlorobenzene	10.387	180	1171441	43.873	ng		99
31) Naphthalene	10.575	128	3743698	42.455	ng		100
32) Benzoic acid	9.858	122	750176	43.056	ng		98
33) 4-Chloroaniline	10.681	127	669606	21.219	ng		99
34) Hexachlorobutadiene	10.858	225	682737	44.429	ng		98
35) Caprolactam	11.481	113	343442	43.361	ng		96
36) 4-Chloro-3-methylphenol	11.822	107	1139474	43.706	ng		99
37) 2-Methylnaphthalene	12.187	142	2281446	38.297	ng		99
38) 1-Methylnaphthalene	12.410	142	2380994	41.093	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1194871	43.785	ng	#	98
41) Hexachlorocyclopentadiene	12.540	237	1638893	166.606	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	814676	46.974	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	888862	46.734	ng	99
46) 1,1'-Biphenyl	13.204	154	3103109	43.742	ng	99
47) 2-Chloronaphthalene	13.246	162	2368493	44.388	ng	99
48) 2-Nitroaniline	13.457	65	667776	48.929	ng	99
49) Acenaphthylene	14.104	152	3930242	48.678	ng	100
50) Dimethylphthalate	13.840	163	2902999	43.947	ng	100
51) 2,6-Dinitrotoluene	13.957	165	642545	46.231	ng	98
52) Acenaphthene	14.451	154	2281542	44.228	ng	99
53) 3-Nitroaniline	14.293	138	351575	23.421	ng	95
54) 2,4-Dinitrophenol	14.498	184	797386	108.426	ng	95
55) Dibenzofuran	14.793	168	3485847	41.717	ng	99
56) 4-Nitrophenol	14.622	139	1264023	100.774	ng	98
57) 2,4-Dinitrotoluene	14.757	165	905760	49.337	ng	99
58) Fluorene	15.451	166	2838026	43.592	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	757390	45.072	ng	98
60) Diethylphthalate	15.228	149	2867989	43.599	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1370547	42.921	ng	96
62) 4-Nitroaniline	15.475	138	686113	43.579	ng	99
63) Azobenzene	15.751	77	2820252	45.488	ng	99
65) 4,6-Dinitro-2-methylph...	15.534	198	503579	47.682	ng	96
66) n-Nitrosodiphenylamine	15.669	169	2470564	45.732	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	876212	44.861	ng	98
68) Hexachlorobenzene	16.481	284	1046300	45.259	ng	98
69) Atrazine	16.651	200	857586	65.769	ng	99
70) Pentachlorophenol	16.840	266	1467830	98.182	ng	100
71) Phenanthrene	17.234	178	4354818	44.809	ng	100
72) Anthracene	17.328	178	4420553	46.701	ng	100
73) Carbazole	17.610	167	4212646	46.149	ng	100
74) Di-n-butylphthalate	18.204	149	4955128	45.727	ng	100
75) Fluoranthene	19.322	202	4988049	44.315	ng	99
77) Benzidine	19.516	184	2145257	109.696	ng	100
78) Pyrene	19.698	202	5077322	45.659	ng	100
80) Butylbenzylphthalate	20.651	149	2219339	48.397	ng	97
81) Benzo(a)anthracene	21.622	228	5116502	46.009	ng	100
82) 3,3'-Dichlorobenzidine	21.545	252	1098884	29.483	ng	100
83) Chrysene	21.692	228	4802411	44.922	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	3315716	47.919	ng	100
85) Di-n-octyl phthalate	22.857	149	5273316	47.566	ng	100
87) Indeno(1,2,3-cd)pyrene	28.880	276	6357522	47.685	ng	99
88) Benzo(b)fluoranthene	23.951	252	5122724	44.476	ng	98
89) Benzo(k)fluoranthene	24.033	252	5180476	45.980	ng	100
90) Benzo(a)pyrene	24.874	252	4935291	49.276	ng	99
91) Dibenzo(a,h)anthracene	28.962	278	5257429	47.399	ng	98
92) Benzo(g,h,i)perylene	30.062	276	5114163	45.357	ng	99

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

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