Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040925\
Data File : BP024230.D
Acq On : 09 Apr 2025 11:29
Operator : RC/JU
Sample : PB167474BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167474BS

Quant Time: Apr 10 01:56:20 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	7.769	152	326147	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1319310	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	796233	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1531760	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1694537	20.000	ng		0.00
86) Perylene-d12	25.039	264	1835262	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2770895	135.618	ng		0.00
7) Phenol-d6	6.952	99	3516439	128.701	ng		0.00
23) Nitrobenzene-d5	8.922	82	2004956	85.743	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1317504	131.362	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	4392031	81.335	ng		0.00
79) Terphenyl-d14	19.922	244	6912295	84.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	314003	38.771	ng		97
3) Pyridine	3.717	79	872733	39.418	ng		99
4) n-Nitrosodimethylamine	3.623	42	320627	43.352	ng		99
6) Aniline	7.105	93	1111394	44.646	ng		97
8) 2-Chlorophenol	7.340	128	1027660	46.565	ng		98
9) Benzaldehyde	6.916	77	537297	40.750	ng		96
10) Phenol	6.981	94	1311642	47.554	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	959072	44.093	ng		99
12) 1,3-Dichlorobenzene	7.663	146	1056044	44.373	ng		99
13) 1,4-Dichlorobenzene	7.805	146	1062484	43.724	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1033485	44.321	ng		100
15) Benzyl Alcohol	8.011	79	807832	46.701	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1074919	48.420	ng		97
17) 2-Methylphenol	8.216	107	850413	49.168	ng		100
18) Hexachloroethane	8.840	117	389980	45.236	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	712548	44.953	ng		99
20) 3+4-Methylphenols	8.540	107	1150284	48.408	ng		99
22) Acetophenone	8.587	105	1432134	42.936	ng	#	99
24) Nitrobenzene	8.958	77	1047676	45.418	ng		97
25) Isophorone	9.487	82	1947238	48.580	ng		100
26) 2-Nitrophenol	9.669	139	509523	46.242	ng		99
27) 2,4-Dimethylphenol	9.734	122	938795	66.259	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	1269810	45.031	ng		100
29) 2,4-Dichlorophenol	10.205	162	897821	46.843	ng		98
30) 1,2,4-Trichlorobenzene	10.410	180	914068	43.165	ng		99
31) Naphthalene	10.605	128	2957456	42.289	ng		100
32) Benzoic acid	9.875	122	650147	47.051	ng		99
33) 4-Chloroaniline	10.710	127	542818	21.689	ng		99
34) Hexachlorobutadiene	10.887	225	524671	43.051	ng		99
35) Caprolactam	11.499	113	301953	48.069	ng		98
36) 4-Chloro-3-methylphenol	11.846	107	982284	47.507	ng		99
37) 2-Methylnaphthalene	12.210	142	1854855	39.259	ng		100
38) 1-Methylnaphthalene	12.428	142	1952927	42.498	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	972662	42.259	ng	#	98
41) Hexachlorocyclopentadiene	12.563	237	1376260	165.880	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	673933	46.073	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	747328	46.587	ng	99
46) 1,1'-Biphenyl	13.228	154	2577317	43.075	ng	99
47) 2-Chloronaphthalene	13.269	162	1954230	43.423	ng	99
48) 2-Nitroaniline	13.475	65	582276	50.585	ng	95
49) Acenaphthylene	14.122	152	3266916	47.974	ng	100
50) Dimethylphthalate	13.857	163	2448143	43.941	ng	100
51) 2,6-Dinitrotoluene	13.975	165	541729	46.213	ng	98
52) Acenaphthene	14.469	154	1899583	43.659	ng	100
53) 3-Nitroaniline	14.310	138	353412	27.913	ng	97
54) 2,4-Dinitrophenol	14.516	184	701555	113.105	ng	96
55) Dibenzofuran	14.810	168	2958337	41.976	ng	98
56) 4-Nitrophenol	14.634	139	1135114	107.296	ng	97
57) 2,4-Dinitrotoluene	14.775	165	778193	50.257	ng	98
58) Fluorene	15.463	166	2410881	43.905	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	644186	45.452	ng	98
60) Diethylphthalate	15.240	149	2481463	44.726	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1150193	42.707	ng	100
62) 4-Nitroaniline	15.487	138	632055	47.598	ng	99
63) Azobenzene	15.757	77	2359069	45.113	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	434997	47.836	ng	98
66) n-Nitrosodiphenylamine	15.681	169	2101191	45.173	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	729105	43.354	ng	99
68) Hexachlorobenzene	16.487	284	871559	43.786	ng	95
69) Atrazine	16.657	200	747184	66.552	ng	99
70) Pentachlorophenol	16.845	266	1258620	97.778	ng	99
71) Phenanthrene	17.239	178	3752120	44.839	ng	100
72) Anthracene	17.339	178	3804154	46.676	ng	99
73) Carbazole	17.622	167	3730069	47.458	ng	100
74) Di-n-butylphthalate	18.204	149	4461436	47.817	ng	100
75) Fluoranthene	19.328	202	4404664	45.449	ng	99
77) Benzidine	19.522	184	2183083	117.832	ng	100
78) Pyrene	19.704	202	4625199	43.904	ng	100
80) Butylbenzylphthalate	20.657	149	2116903	48.727	ng	99
81) Benzo(a)anthracene	21.639	228	4883043	46.349	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1105454	31.307	ng	99
83) Chrysene	21.704	228	4500018	44.432	ng	100
84) Bis(2-ethylhexyl)phtha...	21.575	149	3147305	48.012	ng	99
85) Di-n-octyl phthalate	22.869	149	5144569	48.983	ng	100
87) Indeno(1,2,3-cd)pyrene	28.892	276	5979367m	46.682	ng	
88) Benzo(b)fluoranthene	23.974	252	5032952	45.483	ng	98
89) Benzo(k)fluoranthene	24.051	252	4987266	46.075	ng	99
90) Benzo(a)pyrene	24.886	252	4802426	49.910	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	4914699	46.121	ng	98
92) Benzo(g,h,i)perylene	30.109	276	4755305	43.898	ng	98

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

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