Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024471.D
Acq On : 30 Apr 2025 13:21
Operator : RC/JU
Sample : PB167773BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167773BS

Quant Time: Apr 30 13:49:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	151008	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	599789	20.000	ng	#-0.01
39) Acenaphthene-d10	14.340	164	369496	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	717457	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	839834	20.000	ng	#-0.01
86) Perylene-d12	24.921	264	1021014	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1240943	135.876	ng	-0.01
7) Phenol-d6	6.905	99	1518264	121.408	ng	0.00
23) Nitrobenzene-d5	8.863	82	934502	88.842	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	792411	155.005	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2112381	87.532	ng	-0.01
79) Terphenyl-d14	19.869	244	3677450	88.260	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	140913	36.477	ng	# 93
3) Pyridine	3.675	79	363749	35.660	ng	93
4) n-Nitrosodimethylamine	3.581	42	164712	48.654	ng	# 74
6) Aniline	7.052	93	354135	31.691	ng	98
8) 2-Chlorophenol	7.287	128	460409	45.153	ng	99
9) Benzaldehyde	6.863	77	202594	32.750	ng	99
10) Phenol	6.928	94	536044	42.730	ng	91
11) bis(2-Chloroethyl)ether	7.146	93	397403	39.318	ng	99
12) 1,3-Dichlorobenzene	7.605	146	484023	44.092	ng	99
13) 1,4-Dichlorobenzene	7.746	146	490411	44.030	ng	100
14) 1,2-Dichlorobenzene	8.063	146	473792	44.053	ng	99
15) Benzyl Alcohol	7.958	79	373164	46.142	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	439994	40.273	ng	100
17) 2-Methylphenol	8.158	107	367000	45.223	ng	97
18) Hexachloroethane	8.781	117	181219	45.021	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	294509	38.067	ng	95
20) 3+4-Methylphenols	8.487	107	501204	44.511	ng	97
22) Acetophenone	8.528	105	637359	42.934	ng	97
24) Nitrobenzene	8.905	77	457978	44.012	ng	99
25) Isophorone	9.422	82	830127	43.600	ng	98
26) 2-Nitrophenol	9.605	139	239708	47.073	ng	# 94
27) 2,4-Dimethylphenol	9.669	122	414602	64.842	ng	99
28) bis(2-Chloroethoxy)met...	9.899	93	511340	39.756	ng	100
29) 2,4-Dichlorophenol	10.146	162	408392	46.844	ng	98
30) 1,2,4-Trichlorobenzene	10.352	180	424931	45.492	ng	100
31) Naphthalene	10.534	128	1330924	42.125	ng	99
32) Benzoic acid	9.828	122	312186m	41.902	ng	
33) 4-Chloroaniline	10.652	127	174409	15.675	ng	99
34) Hexachlorobutadiene	10.816	225	268733	48.959	ng	99
35) Caprolactam	11.440	113	138547	43.069	ng	94
36) 4-Chloro-3-methylphenol	11.781	107	467670	46.055	ng	99
37) 2-Methylnaphthalene	12.146	142	829023	37.835	ng	96
38) 1-Methylnaphthalene	12.369	142	874901	40.816	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	465934	45.854	ng	98
41) Hexachlorocyclopentadiene	12.498	237	674615	187.719	ng	98
43) 2,4,6-Trichlorophenol	12.763	196	328972	48.695	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	361972	48.385	ng		99
46) 1,1'-Biphenyl	13.163	154	1165902	42.927	ng		98
47) 2-Chloronaphthalene	13.204	162	900870	44.380	ng		98
48) 2-Nitroaniline	13.416	65	282261	49.572	ng		97
49) Acenaphthylene	14.057	152	1502755	47.021	ng		100
50) Dimethylphthalate	13.798	163	1189235	44.258	ng		100
51) 2,6-Dinitrotoluene	13.916	165	260152	45.594	ng		92
52) Acenaphthene	14.404	154	863801	42.633	ng		98
53) 3-Nitroaniline	14.251	138	133532	22.267	ng		100
54) 2,4-Dinitrophenol	14.463	184	350471	104.275	ng		91
55) Dibenzofuran	14.740	168	1380448	41.682	ng		95
56) 4-Nitrophenol	14.587	139	505295	97.560	ng		93
57) 2,4-Dinitrotoluene	14.716	165	384352	49.380	ng		96
58) Fluorene	15.398	166	1112292	43.385	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	318391	46.145	ng		98
60) Diethylphthalate	15.175	149	1186059	42.833	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	542401	43.567	ng		97
62) 4-Nitroaniline	15.434	138	277048	43.640	ng		85
63) Azobenzene	15.698	77	1039090	40.827	ng		96
65) 4,6-Dinitro-2-methylph...	15.492	198	218982	48.412	ng		97
66) n-Nitrosodiphenylamine	15.616	169	963150	44.977	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	365546	46.586	ng		97
68) Hexachlorobenzene	16.428	284	454925	48.791	ng		99
69) Atrazine	16.598	200	363774	66.698	ng		98
70) Pentachlorophenol	16.786	266	651081	100.094	ng		99
71) Phenanthrene	17.181	178	1746774	44.630	ng		100
72) Anthracene	17.275	178	1788985	47.425	ng		100
73) Carbazole	17.557	167	1712256	46.456	ng		99
74) Di-n-butylphthalate	18.145	149	2098270	45.694	ng		99
75) Fluoranthene	19.269	202	2137462	45.918	ng		97
77) Benzidine	19.469	184	888784	83.488	ng		99
78) Pyrene	19.645	202	2192068	41.071	ng		98
80) Butylbenzylphthalate	20.604	149	1031299	45.112	ng		96
81) Benzo(a)anthracene	21.563	228	2405342	46.079	ng		100
82) 3,3'-Dichlorobenzidine	21.492	252	542548	29.612	ng		99
83) Chrysene	21.633	228	2228822	44.567	ng		99
84) Bis(2-ethylhexyl)phtha...	21.504	149	1503319	44.858	ng		99
85) Di-n-octyl phthalate	22.774	149	2690948	49.391	ng		100
87) Indeno(1,2,3-cd)pyrene	28.739	276	3445300m	48.605	ng		
88) Benzo(b)fluoranthene	23.874	252	2655298m	43.387	ng		
89) Benzo(k)fluoranthene	23.945	252	2643336	44.714	ng		98
90) Benzo(a)pyrene	24.780	252	2601459	49.278	ng	#	97
91) Dibenzo(a,h)anthracene	28.827	278	2815591	47.856	ng		97
92) Benzo(g,h,i)perylene	29.909	276	2750892	45.936	ng		95

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

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