Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024663.D
Acq On : 16 May 2025 19:01
Operator : RC/JU
Sample : Q1983-25MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-636-COMP-05MSD

Quant Time: May 17 00:45:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	157336	20.000	ng		0.00
21) Naphthalene-d8	10.434	136	662902	20.000	ng		0.00
39) Acenaphthene-d10	14.298	164	433623	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	874069	20.000	ng		0.00
76) Chrysene-d12	21.533	240	911524	20.000	ng		0.01
86) Perylene-d12	24.839	264	1070469	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	765050	83.167	ng		0.02
7) Phenol-d6	6.881	99	1026344	87.420	ng		0.03
23) Nitrobenzene-d5	8.810	82	595214	45.367	ng		0.00
42) 2,4,6-Tribromophenol	15.822	330	571443	77.735	ng		0.01
45) 2-Fluorobiphenyl	12.904	172	1436848	43.412	ng		0.00
79) Terphenyl-d14	19.828	244	2336436	43.951	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	141517	32.762	ng		99
3) Pyridine	3.617	79	357299	37.304	ng		99
4) n-Nitrosodimethylamine	3.528	42	163826	38.744	ng		98
6) Aniline	7.005	93	439166	28.973	ng		99
8) 2-Chlorophenol	7.252	128	477782	45.752	ng		99
9) Benzaldehyde	6.816	77	267122	35.148	ng		100
10) Phenol	6.911	94	579631	47.834	ng		98
11) bis(2-Chloroethyl)ether	7.093	93	401466	40.320	ng		99
12) 1,3-Dichlorobenzene	7.552	146	492218	40.969	ng		98
13) 1,4-Dichlorobenzene	7.699	146	493211	40.816	ng		99
14) 1,2-Dichlorobenzene	8.010	146	475033	40.344	ng		100
15) Benzyl Alcohol	7.916	79	406034	45.511	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.181	45	467675	39.220	ng		99
17) 2-Methylphenol	8.134	107	396567	45.629	ng		99
18) Hexachloroethane	8.728	117	181304	39.154	ng		99
19) n-Nitroso-di-n-propyla...	8.463	70	320585	39.475	ng		99
20) 3+4-Methylphenols	8.463	107	542219	45.864	ng	#	87
22) Acetophenone	8.481	105	681988	41.186	ng	#	98
24) Nitrobenzene	8.857	77	474338	41.083	ng		96
25) Isophorone	9.375	82	925887	40.684	ng		100
26) 2-Nitrophenol	9.557	139	262243	46.353	ng		98
27) 2,4-Dimethylphenol	9.640	122	462779	46.395	ng		100
28) bis(2-Chloroethoxy)met...	9.852	93	564859	41.544	ng		98
29) 2,4-Dichlorophenol	10.116	162	455765	47.150	ng		98
30) 1,2,4-Trichlorobenzene	10.293	180	455435	41.811	ng		97
31) Naphthalene	10.487	128	1421244	41.373	ng		100
32) Benzoic acid	9.828	122	198189	31.568	ng		97
33) 4-Chloroaniline	10.599	127	313334	22.604	ng		99
34) Hexachlorobutadiene	10.763	225	280704	39.780	ng		96
35) Caprolactam	11.404	113	167799	47.980	ng		99
36) 4-Chloro-3-methylphenol	11.775	107	537551	45.602	ng		99
37) 2-Methylnaphthalene	12.099	142	915168	41.143	ng		98
38) 1-Methylnaphthalene	12.316	142	978075	41.096	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	519275	41.239	ng		99
41) Hexachlorocyclopentadiene	12.446	237	439958	57.622	ng		97
43) 2,4,6-Trichlorophenol	12.728	196	376189	46.125	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.834	196	410284	45.193	ng	96
46) 1,1'-Biphenyl	13.116	154	1357780	42.365	ng	100
47) 2-Chloronaphthalene	13.163	162	1042808	42.673	ng	100
48) 2-Nitroaniline	13.375	65	329248	45.509	ng	97
49) Acenaphthylene	14.016	152	1757929	42.987	ng	100
50) Dimethylphthalate	13.757	163	1404539	42.496	ng	100
51) 2,6-Dinitrotoluene	13.875	165	307215	44.012	ng	100
52) Acenaphthene	14.363	154	984203	41.864	ng	99
53) 3-Nitroaniline	14.216	138	229713	32.230	ng	99
54) 2,4-Dinitrophenol	14.434	184	353152	80.214	ng	98
55) Dibenzofuran	14.698	168	1577517	42.068	ng	99
56) 4-Nitrophenol	14.604	139	491830	79.723	ng	99
57) 2,4-Dinitrotoluene	14.681	165	447187	45.442	ng	95
58) Fluorene	15.357	166	1303967	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.951	232	358925	42.619	ng	97
60) Diethylphthalate	15.134	149	1420747	42.531	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	640763	42.021	ng	97
62) 4-Nitroaniline	15.404	138	288403	41.907	ng	96
63) Azobenzene	15.651	77	1354287	47.391	ng	96
65) 4,6-Dinitro-2-methylph...	15.463	198	252765	44.769	ng	98
66) n-Nitrosodiphenylamine	15.575	169	1151800	42.901	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	439578	42.679	ng	98
68) Hexachlorobenzene	16.392	284	547873	41.862	ng	99
69) Atrazine	16.563	200	429220	43.624	ng	99
70) Pentachlorophenol	16.757	266	633070	86.172	ng	99
71) Phenanthrene	17.145	178	2050431	42.198	ng	100
72) Anthracene	17.234	178	2089638	42.744	ng	100
73) Carbazole	17.528	167	1955128	44.185	ng	99
74) Di-n-butylphthalate	18.116	149	2513347	44.166	ng	99
75) Fluoranthene	19.233	202	2415698	42.530	ng	99
77) Benzidine	19.439	184	844562	34.019	ng	99
78) Pyrene	19.610	202	2505885	45.882	ng	100
80) Butylbenzylphthalate	20.557	149	1153735	47.498	ng	99
81) Benzo(a)anthracene	21.510	228	2460640	42.991	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	852765	40.114	ng	100
83) Chrysene	21.586	228	2325598	42.863	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1655220	46.362	ng	99
85) Di-n-octyl phthalate	22.704	149	2698152	46.215	ng	100
87) Indeno(1,2,3-cd)pyrene	28.551	276	3392704m	43.413	ng	
88) Benzo(b)fluoranthene	23.780	252	2574498	42.018	ng	100
89) Benzo(k)fluoranthene	23.839	252	2583902	40.925	ng	99
90) Benzo(a)pyrene	24.663	252	2502609	42.528	ng	100
91) Dibenzo(a,h)anthracene	28.627	278	2793524	43.938	ng	99
92) Benzo(g,h,i)perylene	29.703	276	2725051	43.101	ng	100

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

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