Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
Data File : BP024562.D
Acq On : 07 May 2025 13:37
Operator : RC/JU
Sample : Q1928-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-QMSD

Quant Time: May 07 13:56:53 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	7.704	152	157526	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	621901	20.000	ng		#-0.02
39) Acenaphthene-d10	14.333	164	393833	20.000	ng		-0.02
64) Phenanthrene-d10	17.127	188	771993	20.000	ng		-0.02
76) Chrysene-d12	21.574	240	874555	20.000	ng		-0.02
86) Perylene-d12	24.898	264	1014332	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	677249	71.087	ng		-0.02
7) Phenol-d6	6.898	99	871840	66.832	ng		-0.01
23) Nitrobenzene-d5	8.851	82	549495	50.382	ng		-0.02
42) 2,4,6-Tribromophenol	15.845	330	460187	84.455	ng		-0.02
45) 2-Fluorobiphenyl	12.939	172	1153910	44.861	ng		-0.02
79) Terphenyl-d14	19.851	244	2088015	48.124	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	165396	41.044	ng	#	95
3) Pyridine	3.663	79	408865	38.424	ng		90
4) n-Nitrosodimethylamine	3.575	42	179044	50.699	ng		76
6) Aniline	7.046	93	585378	50.217	ng		97
8) 2-Chlorophenol	7.281	128	495585	46.591	ng		99
9) Benzaldehyde	6.857	77	189188	29.318	ng		99
10) Phenol	6.922	94	588264	44.953	ng		92
11) bis(2-Chloroethyl)ether	7.134	93	444733	42.180	ng		99
12) 1,3-Dichlorobenzene	7.598	146	523654	45.728	ng		99
13) 1,4-Dichlorobenzene	7.740	146	528640	45.499	ng		99
14) 1,2-Dichlorobenzene	8.051	146	507460	45.231	ng		98
15) Benzyl Alcohol	7.951	79	404407	47.936	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	485289	42.581	ng		99
17) 2-Methylphenol	8.151	107	401726	47.454	ng		96
18) Hexachloroethane	8.769	117	198270	47.219	ng		97
19) n-Nitroso-di-n-propyla...	8.504	70	327062	40.525	ng		94
20) 3+4-Methylphenols	8.475	107	544513	46.356	ng		97
22) Acetophenone	8.522	105	688833	44.751	ng	#	97
24) Nitrobenzene	8.893	77	497758	46.134	ng		99
25) Isophorone	9.416	82	911870	46.191	ng		98
26) 2-Nitrophenol	9.598	139	263592	49.923	ng		95
27) 2,4-Dimethylphenol	9.663	122	445892	67.257	ng		98
28) bis(2-Chloroethoxy)met...	9.887	93	564064	42.296	ng		99
29) 2,4-Dichlorophenol	10.139	162	449535	49.730	ng		99
30) 1,2,4-Trichlorobenzene	10.334	180	460154	47.511	ng		98
31) Naphthalene	10.528	128	1438310	43.905	ng		99
32) Benzoic acid	9.828	122	327410	42.383	ng		99
33) 4-Chloroaniline	10.639	127	561129	48.639	ng		98
34) Hexachlorobutadiene	10.804	225	289590	50.883	ng		99
35) Caprolactam	11.445	113	157545	47.234	ng		95
36) 4-Chloro-3-methylphenol	11.781	107	513563	48.776	ng		100
37) 2-Methylnaphthalene	12.134	142	905522	39.857	ng		96
38) 1-Methylnaphthalene	12.357	142	966108	43.468	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	509449	47.038	ng		99
41) Hexachlorocyclopentadiene	12.486	237	696869	181.929	ng		99
43) 2,4,6-Trichlorophenol	12.757	196	365420	50.748	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	401238	50.319	ng		99
46) 1,1'-Biphenyl	13.151	154	1292677	44.654	ng		99
47) 2-Chloronaphthalene	13.198	162	996212	46.044	ng		99
48) 2-Nitroaniline	13.410	65	313307	51.624	ng		96
49) Acenaphthylene	14.051	152	1660892	48.758	ng		99
50) Dimethylphthalate	13.792	163	1320326	46.100	ng		100
51) 2,6-Dinitrotoluene	13.910	165	291084	47.862	ng		92
52) Acenaphthene	14.398	154	945952	43.803	ng		99
53) 3-Nitroaniline	14.251	138	306831	48.003	ng		100
54) 2,4-Dinitrophenol	14.463	184	395229	110.325	ng		92
55) Dibenzofuran	14.739	168	1527310	43.267	ng		96
56) 4-Nitrophenol	14.592	139	542331	98.241	ng		93
57) 2,4-Dinitrotoluene	14.716	165	428851	51.693	ng		96
58) Fluorene	15.398	166	1236303	45.242	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	353479	48.064	ng		99
60) Diethylphthalate	15.175	149	1346542	45.623	ng		99
61) 4-Chlorophenyl-phenyle...	15.392	204	604756	45.574	ng		98
62) 4-Nitroaniline	15.427	138	324042	47.888	ng		85
63) Azobenzene	15.686	77	1257263	46.347	ng		96
65) 4,6-Dinitro-2-methylph...	15.492	198	247587	50.869	ng		96
66) n-Nitrosodiphenylamine	15.616	169	1091788	47.382	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	414138	49.050	ng		100
68) Hexachlorobenzene	16.416	284	514146	51.247	ng		99
69) Atrazine	16.592	200	392473	66.876	ng		99
70) Pentachlorophenol	16.780	266	691833	98.845	ng		100
71) Phenanthrene	17.174	178	1921721	45.631	ng		100
72) Anthracene	17.269	178	1969025	48.511	ng		99
73) Carbazole	17.551	167	1882845	47.475	ng		99
74) Di-n-butylphthalate	18.133	149	2397286	48.518	ng		99
75) Fluoranthene	19.263	202	2339401	46.706	ng		97
77) Benzidine	19.463	184	1220239	110.073	ng		99
78) Pyrene	19.639	202	2431140	43.742	ng		100
80) Butylbenzylphthalate	20.586	149	1160705	48.757	ng		98
81) Benzo(a)anthracene	21.557	228	2582660	47.511	ng		100
82) 3,3'-Dichlorobenzidine	21.480	252	938740	49.202	ng		99
83) Chrysene	21.621	228	2383597	45.769	ng		100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1688963	48.397	ng		99
85) Di-n-octyl phthalate	22.762	149	2955365	52.091	ng		100
87) Indeno(1,2,3-cd)pyrene	28.674	276	3592229	51.012	ng		96
88) Benzo(b)fluoranthene	23.856	252	2804625m	46.129	ng		
89) Benzo(k)fluoranthene	23.921	252	2769797	47.162	ng		98
90) Benzo(a)pyrene	24.745	252	2696702	51.419	ng		98
91) Dibenzo(a,h)anthracene	28.750	278	2965315	50.732	ng		97
92) Benzo(g,h,i)perylene	29.856	276	2865086	48.158	ng	#	95

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

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