Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
Data File : BP024561.D
Acq On : 07 May 2025 12:56
Operator : RC/JU
Sample : Q1928-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-QMS

Quant Time: May 07 13:19:10 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	7.699	152	148768	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	581624	20.000	ng		-0.02
39) Acenaphthene-d10	14.340	164	368354	20.000	ng		-0.01
64) Phenanthrene-d10	17.139	188	744026	20.000	ng		0.00
76) Chrysene-d12	21.592	240	874999	20.000	ng		0.00
86) Perylene-d12	24.916	264	1004964	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	642006	71.355	ng		-0.02
7) Phenol-d6	6.899	99	824821	66.950	ng		-0.01
23) Nitrobenzene-d5	8.852	82	512925	50.286	ng		-0.02
42) 2,4,6-Tribromophenol	15.863	330	447361	87.780	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	1076691	44.754	ng		-0.01
79) Terphenyl-d14	19.863	244	2101735	48.415	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	155606	40.887	ng		95
3) Pyridine	3.664	79	387543	38.564	ng		91
4) n-Nitrosodimethylamine	3.575	42	171746	51.496	ng	#	75
6) Aniline	7.046	93	563726	51.206	ng		98
8) 2-Chlorophenol	7.281	128	465894	46.378	ng		98
9) Benzaldehyde	6.858	77	178834	29.345	ng		96
10) Phenol	6.922	94	553339	44.773	ng		92
11) bis(2-Chloroethyl)ether	7.134	93	415052	41.682	ng		99
12) 1,3-Dichlorobenzene	7.593	146	489857	45.295	ng		99
13) 1,4-Dichlorobenzene	7.734	146	498460	45.427	ng		99
14) 1,2-Dichlorobenzene	8.052	146	472971	44.639	ng		99
15) Benzyl Alcohol	7.946	79	388425	48.752	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	453335	42.119	ng		99
17) 2-Methylphenol	8.152	107	373881	46.765	ng		98
18) Hexachloroethane	8.769	117	186319	46.985	ng		96
19) n-Nitroso-di-n-propyla...	8.505	70	304571	39.960	ng		94
20) 3+4-Methylphenols	8.481	107	511903	46.145	ng		98
22) Acetophenone	8.516	105	647991	45.013	ng	#	96
24) Nitrobenzene	8.893	77	455030	45.095	ng		98
25) Isophorone	9.416	82	865991	46.904	ng		98
26) 2-Nitrophenol	9.593	139	247825	50.187	ng		94
27) 2,4-Dimethylphenol	9.663	122	418404	67.481	ng		99
28) bis(2-Chloroethoxy)met...	9.887	93	526146	42.185	ng		99
29) 2,4-Dichlorophenol	10.140	162	419342	49.602	ng		99
30) 1,2,4-Trichlorobenzene	10.340	180	432457	47.743	ng		99
31) Naphthalene	10.522	128	1342005	43.802	ng		99
32) Benzoic acid	9.828	122	310617	42.993	ng		99
33) 4-Chloroaniline	10.646	127	520737	48.264	ng		98
34) Hexachlorobutadiene	10.805	225	272401	51.177	ng		99
35) Caprolactam	11.440	113	153282	49.138	ng		97
36) 4-Chloro-3-methylphenol	11.781	107	488390	49.597	ng		98
37) 2-Methylnaphthalene	12.134	142	858525	40.405	ng		98
38) 1-Methylnaphthalene	12.357	142	903066	43.445	ng		100
40) 1,2,4,5-Tetrachloroben...	12.510	216	476790	47.068	ng		98
41) Hexachlorocyclopentadiene	12.487	237	656895	183.355	ng		98
43) 2,4,6-Trichlorophenol	12.751	196	342860	50.908	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.846	196	378881	50.802	ng		99
46)	1,1'-Biphenyl	13.151	154	1222360	45.146	ng		99
47)	2-Chloronaphthalene	13.198	162	932131	46.063	ng		98
48)	2-Nitroaniline	13.416	65	302822	53.348	ng		96
49)	Acenaphthylene	14.057	152	1563371	49.069	ng		99
50)	Dimethylphthalate	13.787	163	1262753	47.140	ng		100
51)	2,6-Dinitrotoluene	13.916	165	283490	49.838	ng		95
52)	Acenaphthene	14.398	154	890924	44.108	ng		99
53)	3-Nitroaniline	14.257	138	294792	49.309	ng		97
54)	2,4-Dinitrophenol	14.463	184	380562	113.579	ng		90
55)	Dibenzofuran	14.745	168	1441071	43.648	ng		95
56)	4-Nitrophenol	14.593	139	534338	103.488	ng		89
57)	2,4-Dinitrotoluene	14.716	165	418173	53.892	ng		98
58)	Fluorene	15.404	166	1173406	45.910	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.987	232	349501	50.810	ng		99
60)	Diethylphthalate	15.175	149	1285868	46.581	ng		100
61)	4-Chlorophenyl-phenyle...	15.404	204	582955	46.970	ng		97
62)	4-Nitroaniline	15.445	138	323084	51.049	ng		89
63)	Azobenzene	15.704	77	1189672	46.889	ng		96
65)	4,6-Dinitro-2-methylph...	15.498	198	248533	52.983	ng		96
66)	n-Nitrosodiphenylamine	15.622	169	1030824	46.418	ng		100
67)	4-Bromophenyl-phenylether	16.316	248	398843	49.014	ng		98
68)	Hexachlorobenzene	16.439	284	495234	51.217	ng		99
69)	Atrazine	16.610	200	384693	68.014	ng		99
70)	Pentachlorophenol	16.792	266	677426	100.425	ng		100
71)	Phenanthrene	17.192	178	1882748	46.386	ng		99
72)	Anthracene	17.292	178	1916566	48.993	ng		100
73)	Carbazole	17.575	167	1848797	48.369	ng		98
74)	Di-n-butylphthalate	18.157	149	2377814	49.933	ng		100
75)	Fluoranthene	19.286	202	2295232	47.546	ng		97
77)	Benzidine	19.481	184	1252551	112.930	ng		99
78)	Pyrene	19.657	202	2373916	42.691	ng		99
80)	Butylbenzylphthalate	20.598	149	1149884	48.278	ng		99
81)	Benzo(a)anthracene	21.575	228	2578474	47.410	ng		100
82)	3,3'-Dichlorobenzidine	21.492	252	915952	47.983	ng		98
83)	Chrysene	21.639	228	2360029	45.294	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.504	149	1653841	47.366	ng	#	99
85)	Di-n-octyl phthalate	22.774	149	2848693	50.185	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.686	276	3429290	49.152	ng		92
88)	Benzo(b)fluoranthene	23.869	252	2763803	45.881	ng	#	97
89)	Benzo(k)fluoranthene	23.939	252	2725565	46.842	ng		98
90)	Benzo(a)pyrene	24.763	252	2596972	49.979	ng	#	97
91)	Dibenzo(a,h)anthracene	28.762	278	2798649	48.327	ng		96
92)	Benzo(g,h,i)perylene	29.886	276	2716757	46.090	ng	#	94

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

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