Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024742.D
Acq On : 21 May 2025 18:14
Operator : RC/JU
Sample : Q2052-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-BMS

Quant Time: May 22 03:02:17 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	7.651	152	83451	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	323314	20.000	ng		#-0.01
39) Acenaphthene-d10	14.286	164	214265	20.000	ng		-0.02
64) Phenanthrene-d10	17.080	188	453341	20.000	ng		-0.02
76) Chrysene-d12	21.510	240	628182	20.000	ng		-0.01
86) Perylene-d12	24.786	264	750189	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	571313	117.093	ng		0.00
7) Phenol-d6	6.857	99	630564	101.261	ng		0.00
23) Nitrobenzene-d5	8.804	82	449036	70.174	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	562310	154.804	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1118285	68.378	ng		-0.01
79) Terphenyl-d14	19.798	244	2630349	71.798	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	75169	32.809	ng	#	63
3) Pyridine	3.628	79	166809	32.835	ng		93
4) n-Nitrosodimethylamine	3.534	42	93104	41.513	ng		87
6) Aniline	6.999	93	155862	19.386	ng		98
8) 2-Chlorophenol	7.234	128	238702	43.096	ng		98
9) Benzaldehyde	6.810	77	99708	24.735	ng		97
10) Phenol	6.887	94	228540	35.559	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	193635	36.665	ng		99
12) 1,3-Dichlorobenzene	7.546	146	234793	36.845	ng		98
13) 1,4-Dichlorobenzene	7.687	146	240794	37.570	ng		99
14) 1,2-Dichlorobenzene	8.004	146	235259	37.670	ng		99
15) Benzyl Alcohol	7.904	79	195731	41.362	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	215806	34.121	ng		98
17) 2-Methylphenol	8.116	107	185952	40.339	ng		98
18) Hexachloroethane	8.716	117	85278	34.721	ng		95
19) n-Nitroso-di-n-propyla...	8.457	70	148273	34.422	ng		93
20) 3+4-Methylphenols	8.446	107	247163	39.417	ng		96
22) Acetophenone	8.475	105	342570	42.417	ng	#	100
24) Nitrobenzene	8.846	77	241522	42.890	ng		93
25) Isophorone	9.363	82	423406	38.146	ng		96
26) 2-Nitrophenol	9.546	139	130539	47.308	ng		97
27) 2,4-Dimethylphenol	9.622	122	219186	45.054	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	254502	38.378	ng		99
29) 2,4-Dichlorophenol	10.104	162	220626	46.798	ng		96
30) 1,2,4-Trichlorobenzene	10.287	180	230807	43.445	ng		99
31) Naphthalene	10.469	128	708364	42.279	ng		100
32) Benzoic acid	9.787	122	99823	32.356	ng		91
33) 4-Chloroaniline	10.598	127	74294	10.989	ng		98
34) Hexachlorobutadiene	10.751	225	151699	44.078	ng		98
35) Caprolactam	11.387	113	62795	36.815	ng		98
36) 4-Chloro-3-methylphenol	11.734	107	261392	45.466	ng		99
37) 2-Methylnaphthalene	12.087	142	459446	42.350	ng		99
38) 1-Methylnaphthalene	12.304	142	492925	42.465	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	274961	44.192	ng		100
41) Hexachlorocyclopentadiene	12.428	237	313113	82.992	ng		96
43) 2,4,6-Trichlorophenol	12.710	196	195828	48.592	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	213532	47.600	ng		97
46) 1,1'-Biphenyl	13.098	154	674843	42.613	ng		98
47) 2-Chloronaphthalene	13.145	162	516680	42.789	ng		100
48) 2-Nitroaniline	13.363	65	141017	39.446	ng		93
49) Acenaphthylene	14.004	152	878928	43.496	ng		100
50) Dimethylphthalate	13.745	163	736042	45.069	ng		99
51) 2,6-Dinitrotoluene	13.863	165	159178	46.151	ng		97
52) Acenaphthene	14.345	154	505275	43.495	ng		99
53) 3-Nitroaniline	14.204	138	85223	24.199	ng		98
54) 2,4-Dinitrophenol	14.422	184	134885	63.456	ng		95
55) Dibenzofuran	14.686	168	829108	44.745	ng		99
56) 4-Nitrophenol	14.569	139	231448	76.127	ng		98
57) 2,4-Dinitrotoluene	14.669	165	245556	50.499	ng		93
58) Fluorene	15.351	166	680145	45.016	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.933	232	205667	49.422	ng		96
60) Diethylphthalate	15.122	149	743020	45.014	ng		99
61) 4-Chlorophenyl-phenyle...	15.339	204	339666	45.079	ng		99
62) 4-Nitroaniline	15.392	138	125397	36.876	ng		98
63) Azobenzene	15.639	77	549199	38.893	ng		92
65) 4,6-Dinitro-2-methylph...	15.451	198	116966	39.943	ng		94
66) n-Nitrosodiphenylamine	15.563	169	608489	43.698	ng		98
67) 4-Bromophenyl-phenylether	16.251	248	243811	45.641	ng		98
68) Hexachlorobenzene	16.375	284	319067	47.005	ng		93
69) Atrazine	16.551	200	248860	48.767	ng		99
70) Pentachlorophenol	16.733	266	421207	110.542	ng		99
71) Phenanthrene	17.122	178	1136758	45.106	ng		100
72) Anthracene	17.216	178	1151012	45.394	ng		99
73) Carbazole	17.504	167	1120452	48.822	ng		100
74) Di-n-butylphthalate	18.086	149	1362187	46.152	ng		99
75) Fluoranthene	19.204	202	1500935	50.949	ng		99
77) Benzidine	19.416	184	274328	16.034	ng		99
78) Pyrene	19.586	202	1590670	42.261	ng		100
80) Butylbenzylphthalate	20.533	149	732507	43.759	ng		93
81) Benzo(a)anthracene	21.486	228	1772601	44.939	ng		99
82) 3,3'-Dichlorobenzidine	21.421	252	398408	27.194	ng		100
83) Chrysene	21.551	228	1684692	45.055	ng		100
84) Bis(2-ethylhexyl)phtha...	21.421	149	1108580	45.056	ng		98
85) Di-n-octyl phthalate	22.662	149	1905632	47.362	ng		100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2610645	47.667	ng	#	90
88) Benzo(b)fluoranthene	23.745	252	1972294	45.932	ng		99
89) Benzo(k)fluoranthene	23.821	252	1985503	44.874	ng		99
90) Benzo(a)pyrene	24.627	252	1894318	45.934	ng		98
91) Dibenzo(a,h)anthracene	28.574	278	2141857	48.071	ng		99
92) Benzo(g,h,i)perylene	29.662	276	2112969	47.688	ng		98

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

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