Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024781.D
Acq On : 23 May 2025 06:37
Operator : RC/JU
Sample : Q2084-05MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-640-COMP-66MS

Quant Time: May 23 07:18:12 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	108037	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	434452	20.000	ng		#-0.01
39) Acenaphthene-d10	14.280	164	286166	20.000	ng		-0.02
64) Phenanthrene-d10	17.080	188	578083	20.000	ng		-0.02
76) Chrysene-d12	21.521	240	676097	20.000	ng		0.00
86) Perylene-d12	24.798	264	796979	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	772423	122.285	ng		0.00
7) Phenol-d6	6.851	99	859068	106.562	ng		0.00
23) Nitrobenzene-d5	8.804	82	617668	71.834	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	790451	162.935	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1710468	78.309	ng		-0.01
79) Terphenyl-d14	19.810	244	3266849	82.853	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	90197	30.409	ng	#	58
3) Pyridine	3.628	79	202877	30.847	ng		95
4) n-Nitrosodimethylamine	3.534	42	113639	39.138	ng		88
6) Aniline	6.993	93	212282	20.395	ng		99
8) 2-Chlorophenol	7.234	128	314135	43.808	ng		95
9) Benzaldehyde	6.810	77	135760	26.015	ng		99
10) Phenol	6.881	94	300215	36.081	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	249380	36.475	ng		96
12) 1,3-Dichlorobenzene	7.540	146	314661	38.141	ng		98
13) 1,4-Dichlorobenzene	7.687	146	323358	38.971	ng		99
14) 1,2-Dichlorobenzene	7.998	146	313813	38.813	ng		98
15) Benzyl Alcohol	7.898	79	254761	41.585	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	289017	35.298	ng		98
17) 2-Methylphenol	8.104	107	240401	40.283	ng		99
18) Hexachloroethane	8.710	117	115499	36.324	ng		95
19) n-Nitroso-di-n-propyla...	8.451	70	197788	35.468	ng		95
20) 3+4-Methylphenols	8.434	107	330548	40.718	ng		99
22) Acetophenone	8.469	105	449135	41.386	ng	#	98
24) Nitrobenzene	8.845	77	296491	39.183	ng		91
25) Isophorone	9.363	82	573414	38.445	ng		95
26) 2-Nitrophenol	9.545	139	173638	46.830	ng		97
27) 2,4-Dimethylphenol	9.616	122	292215	44.700	ng		98
28) bis(2-Chloroethoxy)met...	9.840	93	347343	38.979	ng		99
29) 2,4-Dichlorophenol	10.098	162	306064	48.313	ng		97
30) 1,2,4-Trichlorobenzene	10.281	180	316944	44.397	ng		99
31) Naphthalene	10.469	128	957345	42.523	ng		100
32) Benzoic acid	9.787	122	122437	30.186	ng		94
33) 4-Chloroaniline	10.598	127	92479	10.179	ng		98
34) Hexachlorobutadiene	10.751	225	207866	44.948	ng		96
35) Caprolactam	11.392	113	79463	34.669	ng		93
36) 4-Chloro-3-methylphenol	11.734	107	349143	45.194	ng		96
37) 2-Methylnaphthalene	12.081	142	638165	43.776	ng		99
38) 1-Methylnaphthalene	12.304	142	679515	43.565	ng		100
40) 1,2,4,5-Tetrachloroben...	12.457	216	386482	46.508	ng		99
41) Hexachlorocyclopentadiene	12.434	237	453539	90.008	ng		98
43) 2,4,6-Trichlorophenol	12.710	196	271510	50.444	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	298072	49.751	ng		97
46) 1,1'-Biphenyl	13.104	154	960368	45.406	ng		99
47) 2-Chloronaphthalene	13.151	162	724470	44.923	ng		99
48) 2-Nitroaniline	13.369	65	208442	43.657	ng		92
49) Acenaphthylene	14.004	152	1224342	45.366	ng		100
50) Dimethylphthalate	13.745	163	1004105	46.035	ng		100
51) 2,6-Dinitrotoluene	13.863	165	215083	46.691	ng		99
52) Acenaphthene	14.345	154	697395	44.950	ng		100
53) 3-Nitroaniline	14.210	138	107885	22.937	ng		93
54) 2,4-Dinitrophenol	14.422	184	179869	63.368	ng		96
55) Dibenzofuran	14.692	168	1143281	46.198	ng		98
56) 4-Nitrophenol	14.563	139	291282	71.979	ng		95
57) 2,4-Dinitrotoluene	14.669	165	321669	49.531	ng		94
58) Fluorene	15.351	166	937787	46.474	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.927	232	277300	49.893	ng		94
60) Diethylphthalate	15.122	149	996665	45.210	ng		98
61) 4-Chlorophenyl-phenyle...	15.339	204	476218	47.322	ng		96
62) 4-Nitroaniline	15.392	138	183275	40.354	ng		98
63) Azobenzene	15.639	77	758380	40.213	ng		93
65) 4,6-Dinitro-2-methylph...	15.451	198	153062	40.991	ng		93
66) n-Nitrosodiphenylamine	15.563	169	821478	46.264	ng		100
67) 4-Bromophenyl-phenylether	16.251	248	336806	49.444	ng		99
68) Hexachlorobenzene	16.374	284	437590	50.555	ng		94
69) Atrazine	16.545	200	319741	49.136	ng		98
70) Pentachlorophenol	16.739	266	528649	108.802	ng		98
71) Phenanthrene	17.121	178	1494432	46.503	ng		99
72) Anthracene	17.216	178	1519903	47.008	ng		99
73) Carbazole	17.504	167	1403513	47.960	ng		99
74) Di-n-butylphthalate	18.086	149	1776899	47.212	ng		99
75) Fluoranthene	19.210	202	1768091	47.067	ng		98
77) Benzidine	19.433	184	164476	8.932	ng		100
78) Pyrene	19.592	202	1833386	45.257	ng		100
80) Butylbenzylphthalate	20.539	149	820550	45.544	ng		94
81) Benzo(a)anthracene	21.498	228	1961039	46.193	ng		100
82) 3,3'-Dichlorobenzidine	21.433	252	443743	28.142	ng		98
83) Chrysene	21.568	228	1846260	45.877	ng		99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1197514	45.221	ng		98
85) Di-n-octyl phthalate	22.680	149	2044617	47.215	ng		98
87) Indeno(1,2,3-cd)pyrene	28.533	276	2905896	49.943	ng	#	88
88) Benzo(b)fluoranthene	23.756	252	2141437	46.943	ng		99
89) Benzo(k)fluoranthene	23.827	252	2158581	45.921	ng		99
90) Benzo(a)pyrene	24.651	252	2053264	46.865	ng		98
91) Dibenzo(a,h)anthracene	28.586	278	2377257	50.222	ng		98
92) Benzo(g,h,i)perylene	29.650	276	2306774	49.005	ng		97

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

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