Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
Data File : BF141165.D
Acq On : 15 Jan 2025 10:26
Operator : RC/JU
Sample : PB166035BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166035BS

Quant Time: Jan 15 15:25:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	141578	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	559409	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	296383	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	515619	20.000	ng		0.00
76) Chrysene-d12	13.986	240	346259	20.000	ng		0.00
86) Perylene-d12	15.445	264	300143	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1172779	127.966	ng		0.01
7) Phenol-d6	6.451	99	1474065	126.975	ng		0.00
23) Nitrobenzene-d5	7.387	82	936087	88.702	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	495813	146.817	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1718604	88.547	ng		0.00
79) Terphenyl-d14	12.933	244	2066373	88.698	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	160491	39.324	ng		99
3) Pyridine	3.381	79	403464	40.314	ng		97
4) n-Nitrosodimethylamine	3.328	42	219085	44.770	ng		99
6) Aniline	6.481	93	412595	40.030	ng		95
8) 2-Chlorophenol	6.604	128	462455	47.032	ng		97
9) Benzaldehyde	6.369	77	57336	8.386	ng		98
10) Phenol	6.463	94	559240	45.001	ng		94
11) bis(2-Chloroethyl)ether	6.557	93	420510	45.405	ng		97
12) 1,3-Dichlorobenzene	6.763	146	482405	43.989	ng		99
13) 1,4-Dichlorobenzene	6.840	146	488566	44.210	ng		99
14) 1,2-Dichlorobenzene	6.993	146	468309	45.430	ng		98
15) Benzyl Alcohol	6.963	79	398751	47.562	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	565830	43.782	ng		96
17) 2-Methylphenol	7.075	107	367457	46.289	ng		99
18) Hexachloroethane	7.334	117	181232	45.349	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	305153	44.623	ng		99
20) 3+4-Methylphenols	7.222	107	453804	45.312	ng		92
22) Acetophenone	7.228	105	598908	45.036	ng	#	94
24) Nitrobenzene	7.404	77	472430	42.953	ng		99
25) Isophorone	7.645	82	826977	45.854	ng		98
26) 2-Nitrophenol	7.716	139	240239	48.018	ng		96
27) 2,4-Dimethylphenol	7.757	122	371757	55.087	ng		100
28) bis(2-Chloroethoxy)met...	7.851	93	500129	44.187	ng		100
29) 2,4-Dichlorophenol	7.957	162	374851	46.769	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	394294	43.039	ng		99
31) Naphthalene	8.128	128	1315926	44.606	ng		100
32) Benzoic acid	7.869	122	284542	43.954	ng		99
33) 4-Chloroaniline	8.169	127	225845	22.136	ng		99
34) Hexachlorobutadiene	8.245	225	241357	43.722	ng		100
35) Caprolactam	8.540	113	122001m	46.493	ng		
36) 4-Chloro-3-methylphenol	8.651	107	410698	46.854	ng		97
37) 2-Methylnaphthalene	8.816	142	857406	45.609	ng		99
38) 1-Methylnaphthalene	8.916	142	789241	42.599	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	389876	45.831	ng		99
41) Hexachlorocyclopentadiene	8.969	237	496501	178.397	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	276357	48.169	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	272593	44.988	ng	99
46) 1,1'-Biphenyl	9.281	154	1040938	45.225	ng	99
47) 2-Chloronaphthalene	9.304	162	794541	44.320	ng	100
48) 2-Nitroaniline	9.404	65	254121	47.818	ng	98
49) Acenaphthylene	9.722	152	1247717	48.714	ng	99
50) Dimethylphthalate	9.586	163	919633	46.219	ng	100
51) 2,6-Dinitrotoluene	9.645	165	208657	45.095	ng	98
52) Acenaphthene	9.898	154	923120	51.587	ng	100
53) 3-Nitroaniline	9.810	138	132071	28.088	ng	99
54) 2,4-Dinitrophenol	9.922	184	235763	107.198	ng	95
55) Dibenzofuran	10.069	168	1124811	46.212	ng	99
56) 4-Nitrophenol	9.975	139	371142	100.786	ng	98
57) 2,4-Dinitrotoluene	10.051	165	294883	49.452	ng	98
58) Fluorene	10.410	166	875091	46.277	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	247930	49.226	ng	99
60) Diethylphthalate	10.286	149	881421	45.376	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	416366	45.177	ng	99
62) 4-Nitroaniline	10.428	138	223312	48.524	ng	99
63) Azobenzene	10.563	77	869933	45.387	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	158478	53.041	ng	96
66) n-Nitrosodiphenylamine	10.522	169	771997	46.419	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	269230	45.353	ng	98
68) Hexachlorobenzene	10.957	284	309514	46.838	ng	99
69) Atrazine	11.051	200	265941	59.388	ng	99
70) Pentachlorophenol	11.151	266	404666	95.622	ng	100
71) Phenanthrene	11.375	178	1332947	48.152	ng	99
72) Anthracene	11.422	178	1367788	50.816	ng	100
73) Carbazole	11.575	167	1223450	49.571	ng	100
74) Di-n-butylphthalate	11.910	149	1338545	47.390	ng	100
75) Fluoranthene	12.557	202	1419075	51.371	ng	99
77) Benzidine	12.680	184	337816	52.610	ng	99
78) Pyrene	12.792	202	1442231	43.609	ng	99
80) Butylbenzylphthalate	13.410	149	523212	47.451	ng	99
81) Benzo(a)anthracene	13.974	228	1103435	46.825	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	232976	31.049	ng	100
83) Chrysene	14.016	228	960710	43.571	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	618547	46.753	ng	99
85) Di-n-octyl phthalate	14.586	149	881680	44.131	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1004718	45.691	ng	98
88) Benzo(b)fluoranthene	15.021	252	949809	49.075	ng	99
89) Benzo(k)fluoranthene	15.051	252	768181	46.966	ng	100
90) Benzo(a)pyrene	15.386	252	807216	50.551	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	806473	45.345	ng	98
92) Benzo(g,h,i)perylene	17.345	276	761728	41.176	ng	99

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

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