Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
Data File : BF141182.D
Acq On : 16 Jan 2025 13:48
Operator : RC/JU
Sample : PB166033BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166033BS

Quant Time: Jan 16 14:09:33 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	6.816	152	145745	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	588065	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	322280	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	550858	20.000	ng		0.00
76) Chrysene-d12	13.986	240	381753	20.000	ng		0.00
86) Perylene-d12	15.451	264	337646	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	885997	93.910	ng		0.00
7) Phenol-d6	6.440	99	1121344	93.830	ng		0.00
23) Nitrobenzene-d5	7.381	82	1054430	95.047	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	373279	101.651	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1971084	93.395	ng		0.00
79) Terphenyl-d14	12.933	244	2336295	90.961	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	175399	41.748	ng		98
3) Pyridine	3.369	79	448070	43.490	ng		97
4) n-Nitrosodimethylamine	3.322	42	247743	49.179	ng		98
6) Aniline	6.475	93	444947	41.935	ng		96
8) 2-Chlorophenol	6.598	128	526789	52.043	ng		97
9) Benzaldehyde	6.363	77	172179	24.462	ng		97
10) Phenol	6.457	94	640414	50.060	ng		96
11) bis(2-Chloroethyl)ether	6.551	93	479501	50.294	ng		98
12) 1,3-Dichlorobenzene	6.757	146	542814	48.082	ng		99
13) 1,4-Dichlorobenzene	6.834	146	552754	48.588	ng		100
14) 1,2-Dichlorobenzene	6.981	146	529721	49.918	ng		99
15) Benzyl Alcohol	6.957	79	461471	53.469	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.093	45	675970	50.809	ng		98
17) 2-Methylphenol	7.069	107	427592	52.324	ng		98
18) Hexachloroethane	7.328	117	204680	49.752	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	365997	51.990	ng		98
20) 3+4-Methylphenols	7.222	107	524674	50.891	ng	#	83
22) Acetophenone	7.222	105	693502	49.608	ng	#	92
24) Nitrobenzene	7.398	77	547547	47.357	ng		99
25) Isophorone	7.640	82	999486	52.719	ng		99
26) 2-Nitrophenol	7.716	139	274966	52.281	ng		98
27) 2,4-Dimethylphenol	7.751	122	436056	61.467	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	594498	49.965	ng		100
29) 2,4-Dichlorophenol	7.951	162	436985	51.864	ng		99
30) 1,2,4-Trichlorobenzene	8.040	180	459263	47.687	ng		99
31) Naphthalene	8.122	128	1515042	48.853	ng		100
32) Benzoic acid	7.875	122	339847	49.939	ng		99
33) 4-Chloroaniline	8.169	127	201185	18.758	ng		99
34) Hexachlorobutadiene	8.240	225	281930	48.583	ng		100
35) Caprolactam	8.540	113	138224m	50.109	ng		
36) 4-Chloro-3-methylphenol	8.651	107	479905	52.081	ng		98
37) 2-Methylnaphthalene	8.810	142	998741	50.538	ng		99
38) 1-Methylnaphthalene	8.910	142	931967	47.852	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	457713	49.482	ng		99
41) Hexachlorocyclopentadiene	8.969	237	592312	195.721	ng		100
43) 2,4,6-Trichlorophenol	9.087	196	331969	53.212	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	325478	49.399	ng	98
46) 1,1'-Biphenyl	9.281	154	1233345	49.278	ng	99
47) 2-Chloronaphthalene	9.304	162	924443	47.422	ng	99
48) 2-Nitroaniline	9.398	65	290077	50.198	ng	99
49) Acenaphthylene	9.716	152	1463666	52.553	ng	99
50) Dimethylphthalate	9.581	163	1114131	51.494	ng	100
51) 2,6-Dinitrotoluene	9.639	165	249340	49.557	ng	95
52) Acenaphthene	9.892	154	1087854	55.908	ng	99
53) 3-Nitroaniline	9.804	138	147518	28.852	ng	98
54) 2,4-Dinitrophenol	9.916	184	283893	118.709	ng	95
55) Dibenzofuran	10.063	168	1326201	50.108	ng	99
56) 4-Nitrophenol	9.969	139	431841	107.845	ng	96
57) 2,4-Dinitrotoluene	10.045	165	342135	52.766	ng	97
58) Fluorene	10.404	166	1021601	49.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	295560	53.967	ng	99
60) Diethylphthalate	10.281	149	1095201	51.851	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	503261	50.217	ng	98
62) 4-Nitroaniline	10.422	138	250296	50.017	ng	96
63) Azobenzene	10.557	77	1049506	50.356	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	189771	59.451	ng	99
66) n-Nitrosodiphenylamine	10.516	169	924303	52.022	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	335172	52.849	ng	99
68) Hexachlorobenzene	10.951	284	368841	52.245	ng	99
69) Atrazine	11.045	200	326841	68.319	ng	100
70) Pentachlorophenol	11.145	266	472102	104.421	ng	99
71) Phenanthrene	11.369	178	1569472	53.070	ng	100
72) Anthracene	11.422	178	1580873	54.975	ng	100
73) Carbazole	11.575	167	1392408	52.808	ng	99
74) Di-n-butylphthalate	11.910	149	1684836	55.835	ng	100
75) Fluoranthene	12.557	202	1610105	54.558	ng	99
77) Benzidine	12.675	184	418869	59.168	ng	99
78) Pyrene	12.786	202	1654989	45.389	ng	99
80) Butylbenzylphthalate	13.410	149	659894	54.282	ng	99
81) Benzo(a)anthracene	13.974	228	1312176	50.506	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	232711	28.130	ng	98
83) Chrysene	14.016	228	1162658	47.827	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	843490	57.827	ng	100
85) Di-n-octyl phthalate	14.592	149	1324367	60.126	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	1248936	50.489	ng	98
88) Benzo(b)fluoranthene	15.027	252	1159129	53.238	ng	100
89) Benzo(k)fluoranthene	15.063	252	993385	53.989	ng	99
90) Benzo(a)pyrene	15.392	252	1006508	56.031	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	1010009	50.482	ng	98
92) Benzo(g,h,i)perylene	17.357	276	934397	44.900	ng	99

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

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