Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126330.D
Acq On : 22 Dec 2021 15:31
Operator : JU/CG
Sample : PB141608BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB141608BSD

Quant Time: Dec 22 16:33:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	139443	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	590422	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	262059	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	371598	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	203005	20.000	ng	#	0.00
86) Perylene-d12	15.427	264	240011	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1130912	119.435	ng		0.01
7) Phenol-d6	6.451	99	1423959	118.436	ng		0.00
23) Nitrobenzene-d5	7.381	82	937291	85.977	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	247572	117.554	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1223468	81.883	ng		0.00
79) Terphenyl-d14	12.927	244	920876	78.845	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	194329	42.044	ng	#	100
3) Pyridine	3.352	79	434133	35.368	ng	#	78
4) n-Nitrosodimethylamine	3.299	42	231245	49.019	ng	#	1
6) Aniline	6.481	93	515563	33.759	ng		95
8) 2-Chlorophenol	6.598	128	478463	49.829	ng		88
9) Benzaldehyde	6.363	77	341524	47.073	ng		95
10) Phenol	6.463	94	601672	44.582	ng		93
11) bis(2-Chloroethyl)ether	6.551	93	503545	48.068	ng		97
12) 1,3-Dichlorobenzene	6.757	146	459728	47.462	ng		96
13) 1,4-Dichlorobenzene	6.834	146	462541	47.288	ng		95
14) 1,2-Dichlorobenzene	6.987	146	443992	49.093	ng		96
15) Benzyl Alcohol	6.963	79	379307	43.215	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	810033	47.251	ng		93
17) 2-Methylphenol	7.075	107	378686	45.019	ng		99
18) Hexachloroethane	7.334	117	187032	48.611	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	321036	43.496	ng	#	74
20) 3+4-Methylphenols	7.222	107	426482	42.886	ng	#	76
22) Acetophenone	7.228	105	618240	45.498	ng		95
24) Nitrobenzene	7.398	77	511681	47.017	ng		90
25) Isophorone	7.640	82	905251	43.973	ng	#	88
26) 2-Nitrophenol	7.716	139	241552	49.236	ng	#	85
27) 2,4-Dimethylphenol	7.757	122	406429	48.782	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	594301	43.908	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	337585	45.584	ng		93
30) 1,2,4-Trichlorobenzene	8.039	180	348974	45.556	ng		99
31) Naphthalene	8.122	128	1284618	46.525	ng		98
32) Benzoic acid	7.875	122	247422	34.471	ng		91
33) 4-Chloroaniline	8.169	127	151934	13.179	ng		98
34) Hexachlorobutadiene	8.245	225	171061	45.468	ng		99
35) Caprolactam	8.539	113	115064	62.517	ng	#	84
36) 4-Chloro-3-methylphenol	8.657	107	392527	44.932	ng		90
37) 2-Methylnaphthalene	8.816	142	797161	46.880	ng		97
38) 1-Methylnaphthalene	8.916	142	733425	44.445	ng		96
40) 1,2,4,5-Tetrachloroben...	8.981	216	263244	46.543	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	322062	99.437	ng		95
43) 2,4,6-Trichlorophenol	9.092	196	188744	42.422	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	207523	45.040	ng		98
46) 1,1'-Biphenyl	9.281	154	908644	46.893	ng		96
47) 2-Chloronaphthalene	9.304	162	669561	45.927	ng		98
48) 2-Nitroaniline	9.398	65	237529	44.638	ng		93
49) Acenaphthylene	9.716	152	1029488	46.213	ng		98
50) Dimethylphthalate	9.581	163	726687	43.776	ng		98
51) 2,6-Dinitrotoluene	9.639	165	164669	45.830	ng		90
52) Acenaphthene	9.892	154	708684	49.055	ng		98
53) 3-Nitroaniline	9.804	138	96387	21.106	ng	#	75
54) 2,4-Dinitrophenol	9.910	184	139178	94.075	ng	#	81
55) Dibenzofuran	10.063	168	859926	43.720	ng		98
56) 4-Nitrophenol	9.969	139	255282	77.388	ng	#	82
57) 2,4-Dinitrotoluene	10.039	165	211460	46.137	ng	#	93
58) Fluorene	10.404	166	607244	42.645	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	148648	43.512	ng	#	99
60) Diethylphthalate	10.281	149	696869	41.773	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	265992	41.488	ng		93
62) 4-Nitroaniline	10.416	138	160919	42.005	ng	#	73
63) Azobenzene	10.557	77	858521	42.488	ng		84
65) 4,6-Dinitro-2-methylph...	10.445	198	91211	44.950	ng		89
66) n-Nitrosodiphenylamine	10.516	169	566826	47.529	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	163951	47.011	ng		93
68) Hexachlorobenzene	10.951	284	193327	48.199	ng		91
69) Atrazine	11.045	200	162432	74.322	ng		95
70) Pentachlorophenol	11.145	266	184381	82.859	ng		91
71) Phenanthrene	11.363	178	891829	46.499	ng		98
72) Anthracene	11.416	178	917470	47.660	ng		98
73) Carbazole	11.569	167	798128	44.025	ng		99
74) Di-n-butylphthalate	11.904	149	998315	43.439	ng		100
75) Fluoranthene	12.551	202	767655	44.424	ng		92
77) Benzidine	12.674	184	265438	82.937	ng		98
78) Pyrene	12.780	202	790443	42.382	ng		98
80) Butylbenzylphthalate	13.404	149	362788	41.336	ng	#	84
81) Benzo(a)anthracene	13.969	228	541403	45.023	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	130552	23.764	ng	#	95
83) Chrysene	14.004	228	575300	46.047	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	418552	42.677	ng		100
85) Di-n-octyl phthalate	14.574	149	853690	48.829	ng		98
87) Indeno(1,2,3-cd)pyrene	16.862	276	824647	51.511	ng		93
88) Benzo(b)fluoranthene	15.004	252	690279	47.866	ng		96
89) Benzo(k)fluoranthene	15.039	252	639181	46.332	ng	#	96
90) Benzo(a)pyrene	15.368	252	673921	56.227	ng	#	96
91) Dibenzo(a,h)anthracene	16.886	278	686823	52.776	ng		96
92) Benzo(g,h,i)perylene	17.298	276	700087	51.994	ng		92

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

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