Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126279.D
Acq On : 20 Dec 2021 15:35
Operator : JU/CG
Sample : M5146-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

Quant Time: Dec 21 05:09:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	146326	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	545447	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	207588	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	304768	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	264041	20.000	ng	#	0.00
86) Perylene-d12	15.421	264	302163	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	535326	53.876	ng		0.01
7) Phenol-d6	6.445	99	633172	50.186	ng		0.00
23) Nitrobenzene-d5	7.375	82	388083	38.534	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	84838	50.854	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	512254	43.280	ng		0.00
79) Terphenyl-d14	12.921	244	437567	28.804	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	260845	53.780	ng	#	100
3) Pyridine	3.357	79	560217	43.494	ng	#	77
4) n-Nitrosodimethylamine	3.310	42	267152	53.966	ng	#	2
6) Aniline	6.475	93	599951	37.437	ng		96
8) 2-Chlorophenol	6.598	128	505104	50.129	ng		89
9) Benzaldehyde	6.363	77	387584	50.909	ng		95
10) Phenol	6.457	94	698253	49.304	ng		89
11) bis(2-Chloroethyl)ether	6.551	93	554348	50.428	ng		96
12) 1,3-Dichlorobenzene	6.757	146	507421	49.922	ng		97
13) 1,4-Dichlorobenzene	6.834	146	516234	50.294	ng		94
14) 1,2-Dichlorobenzene	6.987	146	484843	51.088	ng		95
15) Benzyl Alcohol	6.957	79	416904	45.265	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	876294	48.712	ng		94
17) 2-Methylphenol	7.069	107	384119	43.516	ng		96
18) Hexachloroethane	7.334	117	198026	49.048	ng		96
19) n-Nitroso-di-n-propyla...	7.234	70	332241	42.896	ng	#	72
20) 3+4-Methylphenols	7.222	107	438249	41.997	ng	#	81
22) Acetophenone	7.228	105	648064	51.625	ng		98
24) Nitrobenzene	7.398	77	529160	52.633	ng		91
25) Isophorone	7.639	82	907811	47.733	ng	#	88
26) 2-Nitrophenol	7.716	139	233819	51.590	ng	#	84
27) 2,4-Dimethylphenol	7.751	122	403491	52.423	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	595471	47.622	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	313983	45.893	ng		93
30) 1,2,4-Trichlorobenzene	8.045	180	346736	48.996	ng		99
31) Naphthalene	8.122	128	1273194	49.913	ng		98
32) Benzoic acid	7.863	122	255418	38.520	ng		93
33) 4-Chloroaniline	8.169	127	209931	19.711	ng		98
34) Hexachlorobutadiene	8.245	225	173375	49.883	ng		99
35) Caprolactam	8.534	113	105123	61.825	ng		90
36) 4-Chloro-3-methylphenol	8.651	107	346898	42.984	ng		89
37) 2-Methylnaphthalene	8.816	142	755183	48.074	ng		99
38) 1-Methylnaphthalene	8.916	142	686253	45.016	ng		96
40) 1,2,4,5-Tetrachloroben...	8.981	216	254029	56.699	ng	#	95
41) Hexachlorocyclopentadiene	8.969	237	199062	77.588	ng		97
43) 2,4,6-Trichlorophenol	9.092	196	169099	47.979	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	181859	49.827	ng		95
46) 1,1'-Biphenyl	9.281	154	835227	54.415	ng		97
47) 2-Chloronaphthalene	9.304	162	601411	52.077	ng		99
48) 2-Nitroaniline	9.392	65	214770	50.951	ng		89
49) Acenaphthylene	9.716	152	904200	51.240	ng		98
50) Dimethylphthalate	9.581	163	655803	49.872	ng		98
51) 2,6-Dinitrotoluene	9.633	165	140112	49.228	ng	#	78
52) Acenaphthene	9.886	154	586785	51.275	ng		98
53) 3-Nitroaniline	9.798	138	122736	33.928	ng	#	69
54) 2,4-Dinitrophenol	9.910	184	63495	54.180	ng	#	78
55) Dibenzofuran	10.063	168	759688	48.758	ng		96
56) 4-Nitrophenol	9.963	139	261992	100.262	ng	#	80
57) 2,4-Dinitrotoluene	10.039	165	178622	49.198	ng	#	96
58) Fluorene	10.404	166	529294	46.925	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	129267	47.768	ng	#	98
60) Diethylphthalate	10.275	149	618772	46.824	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	229598	45.209	ng		94
62) 4-Nitroaniline	10.410	138	127261	41.936	ng	#	74
63) Azobenzene	10.557	77	734870	45.912	ng		83
65) 4,6-Dinitro-2-methylph...	10.445	198	42637	25.620	ng	#	85
66) n-Nitrosodiphenylamine	10.510	169	488594	49.953	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	139209	48.669	ng		95
68) Hexachlorobenzene	10.951	284	161421	49.069	ng	#	89
69) Atrazine	11.039	200	139839	78.015	ng		96
70) Pentachlorophenol	11.145	266	178078	97.575	ng		94
71) Phenanthrene	11.363	178	792980	50.412	ng		98
72) Anthracene	11.416	178	819767	51.922	ng		99
73) Carbazole	11.569	167	760314	51.135	ng		98
74) Di-n-butylphthalate	11.904	149	957483	50.798	ng		100
75) Fluoranthene	12.551	202	809980	57.152	ng		92
77) Benzidine	12.674	184	732803	176.039	ng		98
78) Pyrene	12.780	202	858969	35.410	ng		97
80) Butylbenzylphthalate	13.404	149	443566	38.857	ng	#	87
81) Benzo(a)anthracene	13.968	228	717109	45.850	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	324525	45.418	ng	#	96
83) Chrysene	14.004	228	770269	47.400	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	547854	42.948	ng		99
85) Di-n-octyl phthalate	14.574	149	1237650	54.427	ng		98
87) Indeno(1,2,3-cd)pyrene	16.857	276	856653	42.504	ng	#	91
88) Benzo(b)fluoranthene	15.010	252	949877	52.319	ng		97
89) Benzo(k)fluoranthene	15.039	252	830174	47.799	ng	#	96
90) Benzo(a)pyrene	15.368	252	878244	58.202	ng	#	96
91) Dibenzo(a,h)anthracene	16.880	278	733266	44.755	ng		95
92) Benzo(g,h,i)perylene	17.286	276	698639	41.214	ng		92

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

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