Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126283.D
Acq On : 20 Dec 2021 17:45
Operator : JU/CG
Sample : M5122-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
369MS

Quant Time: Dec 21 05:10:46 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	154108	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	589757	20.000	ng		# 0.00
39) Acenaphthene-d10	9.857	164	228524	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	331247	20.000	ng		# 0.00
76) Chrysene-d12	13.980	240	255283	20.000	ng		0.01
86) Perylene-d12	15.421	264	297113	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1381399	132.006	ng		0.02
7) Phenol-d6	6.451	99	1708825	128.604	ng		0.00
23) Nitrobenzene-d5	7.381	82	1088467	99.957	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	238714	129.982	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1295092	99.396	ng		0.00
79) Terphenyl-d14	12.927	244	1036735	70.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	266736	52.217	ng	#	100
3) Pyridine	3.357	79	584893	43.116	ng	#	78
4) n-Nitrosodimethylamine	3.310	42	285762	54.811	ng	#	1
6) Aniline	6.481	93	240146	14.228	ng		96
8) 2-Chlorophenol	6.604	128	546484	51.497	ng		90
9) Benzaldehyde	6.363	77	421532	52.572	ng		94
10) Phenol	6.463	94	689154	46.204	ng		90
11) bis(2-Chloroethyl)ether	6.557	93	598984	51.737	ng		99
12) 1,3-Dichlorobenzene	6.757	146	534079	49.891	ng		96
13) 1,4-Dichlorobenzene	6.834	146	543037	50.234	ng		95
14) 1,2-Dichlorobenzene	6.987	146	516791	51.705	ng		95
15) Benzyl Alcohol	6.963	79	453844	46.787	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.098	45	942082	49.724	ng		93
17) 2-Methylphenol	7.075	107	433918	46.676	ng		97
18) Hexachloroethane	7.334	117	211121	49.651	ng		95
19) n-Nitroso-di-n-propyla...	7.234	70	369898	45.347	ng	#	73
20) 3+4-Methylphenols	7.222	107	487213	44.331	ng	#	76
22) Acetophenone	7.228	105	702927	51.789	ng	#	95
24) Nitrobenzene	7.398	77	569149	52.357	ng		90
25) Isophorone	7.640	82	1010962	49.163	ng	#	87
26) 2-Nitrophenol	7.716	139	260153	53.088	ng	#	81
27) 2,4-Dimethylphenol	7.757	122	447391	53.759	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	666306	49.284	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	354613	47.937	ng		93
30) 1,2,4-Trichlorobenzene	8.045	180	379089	49.543	ng		99
31) Naphthalene	8.122	128	1415340	51.317	ng		99
32) Benzoic acid	7.869	122	303862	42.383	ng		93
33) 4-Chloroaniline	8.169	127	74826	6.498	ng		98
34) Hexachlorobutadiene	8.245	225	190537	50.702	ng		99
35) Caprolactam	8.534	113	119656	65.085	ng		89
36) 4-Chloro-3-methylphenol	8.651	107	393563	45.102	ng		88
37) 2-Methylnaphthalene	8.816	142	830214	48.879	ng		99
38) 1-Methylnaphthalene	8.916	142	759950	46.104	ng		94
40) 1,2,4,5-Tetrachloroben...	8.981	216	279862	56.742	ng	#	96
41) Hexachlorocyclopentadiene	8.969	237	208702	73.893	ng		95
43) 2,4,6-Trichlorophenol	9.092	196	194904	50.235	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	201677	50.195	ng	#	93
46) 1,1'-Biphenyl	9.281	154	931053	55.101	ng		97
47) 2-Chloronaphthalene	9.304	162	668495	52.583	ng		99
48) 2-Nitroaniline	9.392	65	240632	51.857	ng		89
49) Acenaphthylene	9.716	152	1017968	52.402	ng		98
50) Dimethylphthalate	9.581	163	748285	51.692	ng		99
51) 2,6-Dinitrotoluene	9.639	165	161970	51.694	ng		94
52) Acenaphthene	9.892	154	665887	52.857	ng		99
53) 3-Nitroaniline	9.804	138	86071	21.613	ng		84
54) 2,4-Dinitrophenol	9.910	184	86587	67.116	ng	#	80
55) Dibenzofuran	10.063	168	847835	49.430	ng		95
56) 4-Nitrophenol	9.963	139	288645	100.342	ng	#	77
57) 2,4-Dinitrotoluene	10.039	165	206023	51.547	ng	#	94
58) Fluorene	10.404	166	589894	47.506	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	144342	48.452	ng	#	97
60) Diethylphthalate	10.281	149	704571	48.433	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	259268	46.374	ng		92
62) 4-Nitroaniline	10.416	138	143197	42.864	ng	#	70
63) Azobenzene	10.557	77	814762	46.240	ng		84
65) 4,6-Dinitro-2-methylph...	10.445	198	58990	32.613	ng		91
66) n-Nitrosodiphenylamine	10.516	169	538240	50.630	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	156065	50.201	ng		95
68) Hexachlorobenzene	10.951	284	176567	49.383	ng		90
69) Atrazine	11.039	200	154454	79.281	ng		96
70) Pentachlorophenol	11.145	266	191326	96.454	ng		91
71) Phenanthrene	11.363	178	941380	55.062	ng		97
72) Anthracene	11.416	178	907198	52.867	ng		99
73) Carbazole	11.569	167	831163	51.432	ng		98
74) Di-n-butylphthalate	11.904	149	1039744	50.752	ng		99
75) Fluoranthene	12.551	202	1034697	67.172	ng		91
77) Benzidine	12.669	184	417351	103.698	ng		97
78) Pyrene	12.780	202	1062846	45.317	ng		98
80) Butylbenzylphthalate	13.404	149	461110	41.780	ng	#	86
81) Benzo(a)anthracene	13.969	228	790443	52.272	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	234524	33.948	ng	#	96
83) Chrysene	14.004	228	855054	54.423	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	800237	64.885	ng		98
85) Di-n-octyl phthalate	14.574	149	1267403	57.647	ng		98
87) Indeno(1,2,3-cd)pyrene	16.863	276	923161	46.582	ng	#	92
88) Benzo(b)fluoranthene	15.010	252	1096594	61.426	ng		96
89) Benzo(k)fluoranthene	15.039	252	931104	54.521	ng	#	95
90) Benzo(a)pyrene	15.368	252	984183	66.331	ng	#	96
91) Dibenzo(a,h)anthracene	16.880	278	752989	46.740	ng	#	94
92) Benzo(g,h,i)perylene	17.292	276	757501	45.446	ng		92

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

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