Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
Data File : BF126285.D
Acq On : 20 Dec 2021 18:47
Operator : JU/CG
Sample : M5083-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BB4MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/21/2021
Supervised By :Jagrut Upadhyay 12/21/2021

Quant Time: Dec 21 05:11:20 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	141342	20.000	ng	# 0.00
21) Naphthalene-d8	8.098	136	521885	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	204994	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	308604	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	169036	20.000	ng	# 0.04
86) Perylene-d12	15.451	264	265886	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1074558	111.959	ng	0.01
7) Phenol-d6	6.451	99	1306795	107.231	ng	0.00
23) Nitrobenzene-d5	7.381	82	802491	83.279	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	180666	109.666	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	941167	80.524	ng	0.00
79) Terphenyl-d14	12.933	244	769430	79.117	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	227089	48.471	ng	# 100
3) Pyridine	3.346	79	487138	39.154	ng	# 78
4) n-Nitrosodimethylamine	3.293	42	246861	51.626	ng	# 1
6) Aniline	6.475	93	413591	26.718	ng	97
8) 2-Chlorophenol	6.604	128	467443	48.027	ng	91
9) Benzaldehyde	6.363	77	345658	47.003	ng	94
10) Phenol	6.463	94	638249	46.656	ng	89
11) bis(2-Chloroethyl)ether	6.551	93	523950	49.343	ng	97
12) 1,3-Dichlorobenzene	6.757	146	469504	47.820	ng	98
13) 1,4-Dichlorobenzene	6.834	146	468075	47.211	ng	95
14) 1,2-Dichlorobenzene	6.987	146	438808	47.868	ng	94
15) Benzyl Alcohol	6.957	79	390631	43.908	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	806557	46.416	ng	94
17) 2-Methylphenol	7.075	107	369528	43.340	ng	96
18) Hexachloroethane	7.334	117	176111	45.158	ng	94
19) n-Nitroso-di-n-propyla...	7.234	70	311518	41.639	ng	# 71
20) 3+4-Methylphenols	7.222	107	417092	41.379	ng	# 79
22) Acetophenone	7.228	105	597074	49.711	ng	96
24) Nitrobenzene	7.398	77	480589	49.960	ng	91
25) Isophorone	7.639	82	849144	46.664	ng	# 88
26) 2-Nitrophenol	7.716	139	215426	49.678	ng	# 82
27) 2,4-Dimethylphenol	7.757	122	379164	51.486	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	560064	46.813	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	300546	45.912	ng	93
30) 1,2,4-Trichlorobenzene	8.045	180	317211	46.848	ng	99
31) Naphthalene	8.122	128	1196587	49.028	ng	98
32) Benzoic acid	7.863	122	266796	42.052	ng	91
33) 4-Chloroaniline	8.169	127	131099	12.865	ng	98
34) Hexachlorobutadiene	8.245	225	160375	48.226	ng	99
35) Caprolactam	8.534	113	99950m	61.437	ng	
36) 4-Chloro-3-methylphenol	8.651	107	329753	42.704	ng	90
37) 2-Methylnaphthalene	8.816	142	710019	47.239	ng	98
38) 1-Methylnaphthalene	8.916	142	640133	43.886	ng	95
40) 1,2,4,5-Tetrachloroben...	8.981	216	240240	54.299	ng	96
41) Hexachlorocyclopentadiene	8.969	237	112409	44.368	ng	95
43) 2,4,6-Trichlorophenol	9.092	196	166365	47.801	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	174210	48.336	ng		96
46) 1,1'-Biphenyl	9.281	154	794100	52.390	ng		96
47) 2-Chloronaphthalene	9.304	162	558668	48.988	ng		100
48) 2-Nitroaniline	9.392	65	209711	50.381	ng		89
49) Acenaphthylene	9.716	152	1191164	68.356	ng		98
50) Dimethylphthalate	9.581	163	626938	48.280	ng		98
51) 2,6-Dinitrotoluene	9.639	165	136767	48.661	ng		96
52) Acenaphthene	9.892	154	1033918	91.490	ng		99
53) 3-Nitroaniline	9.804	138	106042	29.684	ng	#	79
54) 2,4-Dinitrophenol	9.910	184	57294	49.508	ng	#	83
55) Dibenzofuran	10.063	168	767814	49.903	ng		96
56) 4-Nitrophenol	9.963	139	269956	104.617	ng	#	76
57) 2,4-Dinitrotoluene	10.039	165	188946	52.700	ng	#	94
58) Fluorene	10.404	166	713196	64.029	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.181	232	123080	46.057	ng	#	98
60) Diethylphthalate	10.280	149	600263	45.999	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	217819	43.432	ng		95
62) 4-Nitroaniline	10.416	138	128732	42.957	ng	#	70
63) Azobenzene	10.557	77	693863	43.899	ng		84
65) 4,6-Dinitro-2-methylph...	10.445	198	38694	22.962	ng		86
66) n-Nitrosodiphenylamine	10.516	169	475708	48.031	ng		89
67) 4-Bromophenyl-phenylether	10.886	248	135941	46.936	ng		93
68) Hexachlorobenzene	10.957	284	153167	45.981	ng	#	84
69) Atrazine	11.045	200	136022	74.942	ng		96
70) Pentachlorophenol	11.151	266	178713	96.706	ng		91
71) Phenanthrene	11.369	178	1351252	84.835	ng		96
72) Anthracene	11.422	178	1502672	93.993	ng		98
73) Carbazole	11.575	167	886747	58.897	ng		99
74) Di-n-butylphthalate	11.910	149	939114	49.204	ng		100
75) Fluoranthene	12.610	202	11733512	817.623	ng		90
77) Benzidine	12.710	184	298773	112.113	ng		98
78) Pyrene	12.845	202	8804168	566.924	ng	#	86
80) Butylbenzylphthalate	13.410	149	413845	56.629	ng	#	83
81) Benzo(a)anthracene	14.004	228	4223991	421.860	ng		96
82) 3,3'-Dichlorobenzidine	13.957	252	216267	47.278	ng	#	96
83) Chrysene	14.039	228	2628240	252.637	ng		93
84) Bis(2-ethylhexyl)phtha...	13.974	149	492274	60.281	ng		99
85) Di-n-octyl phthalate	14.580	149	1124890	77.271	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	1286638	72.548	ng		93
88) Benzo(b)fluoranthene	15.051	252	4639054m	290.379	ng		
89) Benzo(k)fluoranthene	15.074	252	892474m	58.397	ng		
90) Benzo(a)pyrene	15.410	252	2291782	172.601	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	745634	51.720	ng		97
92) Benzo(g,h,i)perylene	17.327	276	1038662	69.633	ng		94

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

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