Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126018.D
Acq On : 3 Nov 2021 14:00
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 03 16:15:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 16:12:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	178458	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	621759	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	373336	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	699061	20.000	ng	0.00
76) Chrysene-d12	14.010	240	541219	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	375607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	820075	65.199	ng	0.00
7) Phenol-d6	6.487	99	1146085	70.088	ng	0.00
23) Nitrobenzene-d5	7.422	82	1116882	87.996	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	358604	99.859	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2166301	102.338	ng	0.00
79) Terphenyl-d14	12.963	244	2672054	92.238	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	167894	29.759	ng	# 100
3) Pyridine	3.363	79	457381	29.580	ng	93
4) n-Nitrosodimethylamine	3.322	42	320234	40.701	ng	# 87
6) Aniline	6.516	93	629137	31.308	ng	# 85
8) 2-Chlorophenol	6.640	128	431981	35.045	ng	# 77
9) Benzaldehyde	6.404	77	347350	35.385	ng	87
10) Phenol	6.498	94	585514	32.359	ng	79
11) bis(2-Chloroethyl)ether	6.593	93	420384	31.889	ng	85
12) 1,3-Dichlorobenzene	6.798	146	489995	36.840	ng	# 93
13) 1,4-Dichlorobenzene	6.875	146	498441	37.505	ng	98
14) 1,2-Dichlorobenzene	7.028	146	477368	36.775	ng	96
15) Benzyl Alcohol	6.998	79	501141	40.948	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	784686	30.655	ng	95
17) 2-Methylphenol	7.104	107	369726	34.026	ng	# 87
18) Hexachloroethane	7.369	117	191546	38.356	ng	# 83
19) n-Nitroso-di-n-propyla...	7.275	70	379750	39.241	ng	# 82
20) 3+4-Methylphenols	7.257	107	493787	34.238	ng	# 82
22) Acetophenone	7.269	105	702647	44.775	ng	93
24) Nitrobenzene	7.439	77	541444	43.058	ng	# 82
25) Isophorone	7.681	82	931390	40.086	ng	# 87
26) 2-Nitrophenol	7.751	139	172613	33.012	ng	# 57
27) 2,4-Dimethylphenol	7.787	122	343781m	38.678	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	550255	37.073	ng	# 97
29) 2,4-Dichlorophenol	7.992	162	394229	44.350	ng	95
30) 1,2,4-Trichlorobenzene	8.081	180	465404	45.692	ng	97
31) Naphthalene	8.163	128	1273654	41.135	ng	99
32) Benzoic acid	7.916	122	192615	29.680	ng	# 65
33) 4-Chloroaniline	8.204	127	509573	37.981	ng	# 87
34) Hexachlorobutadiene	8.281	225	324252	52.658	ng	98
35) Caprolactam	8.581	113	105783	34.082	ng	# 55
36) 4-Chloro-3-methylphenol	8.686	107	455659	43.458	ng	86
37) 2-Methylnaphthalene	8.851	142	874404	42.961	ng	99
38) 1-Methylnaphthalene	8.951	142	846054	42.652	ng	97
40) 1,2,4,5-Tetrachloroben...	9.016	216	491170	47.578	ng	98
41) Hexachlorocyclopentadiene	9.004	237	281111	52.435	ng	95
43) 2,4,6-Trichlorophenol	9.122	196	311692	43.056	ng	97

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44) 2,4,5-Trichlorophenol	9.163	196	333611	44.045	ng		95
46) 1,1'-Biphenyl	9.316	154	1132763	40.284	ng		98
47) 2-Chloronaphthalene	9.339	162	889508	43.858	ng		99
48) 2-Nitroaniline	9.428	65	294836	35.460	ng	#	69
49) Acenaphthylene	9.751	152	1363387	44.344	ng		98
50) Dimethylphthalate	9.616	163	1066447	45.855	ng	#	98
51) 2,6-Dinitrotoluene	9.675	165	201473	39.620	ng	#	69
52) Acenaphthene	9.928	154	866308	41.812	ng		96
53) 3-Nitroaniline	9.839	138	205794	34.627	ng	#	60
54) 2,4-Dinitrophenol	9.945	184	70100	31.263	ng		89
55) Dibenzofuran	10.098	168	1293173	41.427	ng		99
56) 4-Nitrophenol	9.992	139	160410	34.199	ng	#	43
57) 2,4-Dinitrotoluene	10.075	165	263041	39.723	ng	#	82
58) Fluorene	10.439	166	1037742	45.669	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	295550	46.062	ng	#	88
60) Diethylphthalate	10.316	149	1091314	46.476	ng		98
61) 4-Chlorophenyl-phenyle...	10.433	204	555223	51.900	ng		88
62) 4-Nitroaniline	10.457	138	213405	37.831	ng	#	78
63) Azobenzene	10.592	77	1185947	43.659	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	121008	32.016	ng		83
66) n-Nitrosodiphenylamine	10.551	169	880308	41.782	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	345420	45.249	ng		97
68) Hexachlorobenzene	10.986	284	350807	43.611	ng		91
69) Atrazine	11.075	200	323813	47.173	ng		94
70) Pentachlorophenol	11.175	266	202267	44.107	ng		93
71) Phenanthrene	11.398	178	1506609	40.783	ng		98
72) Anthracene	11.451	178	1507187	42.256	ng		98
73) Carbazole	11.604	167	1385260	40.079	ng		99
74) Di-n-butylphthalate	11.939	149	1686274	44.707	ng	#	99
75) Fluoranthene	12.586	202	1700754	43.925	ng		96
77) Benzidine	12.704	184	660941	32.324	ng		97
78) Pyrene	12.816	202	1709379	38.902	ng		96
80) Butylbenzylphthalate	13.433	149	673637	37.657	ng	#	82
81) Benzo(a)anthracene	13.998	228	1476699	42.638	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	456187	36.064	ng	#	97
83) Chrysene	14.039	228	1371846	38.301	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	935029	44.824	ng	#	99
85) Di-n-octyl phthalate	14.610	149	1357466	37.226	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	873528	37.962	ng	#	84
88) Benzo(b)fluoranthene	15.045	252	1062144	42.351	ng	#	94
89) Benzo(k)fluoranthene	15.074	252	937958	38.467	ng		99
90) Benzo(a)pyrene	15.410	252	776429	38.386	ng	#	92
91) Dibenzo(a,h)anthracene	16.945	278	720081	38.389	ng	#	91
92) Benzo(g,h,i)perylene	17.368	276	687591	36.579	ng	#	82

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

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