Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031721\
Data File : BF123373.D
Acq On : 17 Mar 2021 18:32
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
3/18/2021 2:32:14 PM

Quant Time: Mar 17 18:56:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 17 18:26:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	229660	20.00	ng		0.00
21) Naphthalene-d8	8.081	136	896286	20.00	ng		# 0.00
39) Acenaphthene-d10	9.834	164	419323	20.00	ng		0.00
64) Phenanthrene-d10	11.322	188	671152	20.00	ng		# 0.00
76) Chrysene-d12	13.974	240	401873	20.00	ng		# 0.00
86) Perylene-d12	15.415	264	323373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1329852	83.35	ng		0.00
7) Phenol-d6	6.445	99	1650890	76.16	ng		0.00
23) Nitrobenzene-d5	7.363	82	1381414	70.55	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	258062	60.44	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1944132	66.60	ng		0.00
79) Terphenyl-d14	12.916	244	1608024	76.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	353014	38.34	ng	#	86
3) Pyridine	3.222	79	943431	42.05	ng		88
4) n-Nitrosodimethylamine	3.181	42	420152	40.50	ng		94
6) Aniline	6.463	93	967149	37.77	ng	#	60
8) 2-Chlorophenol	6.587	128	732797	42.75	ng		97
9) Benzaldehyde	6.345	77	416769	33.76	ng		96
10) Phenol	6.457	94	868737	36.78	ng		82
11) bis(2-Chloroethyl)ether	6.534	93	752663	44.42	ng		95
12) 1,3-Dichlorobenzene	6.734	146	759517	42.60	ng		97
13) 1,4-Dichlorobenzene	6.810	146	766272	42.17	ng		96
14) 1,2-Dichlorobenzene	6.969	146	684243	40.48	ng		99
15) Benzyl Alcohol	6.945	79	523879	31.00	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1220228	52.50	ng		97
17) 2-Methylphenol	7.063	107	580908	40.29	ng		97
18) Hexachloroethane	7.304	117	278817	42.48	ng	#	87
19) n-Nitroso-di-n-propyla...	7.216	70	443880	34.42	ng	#	82
20) 3+4-Methylphenols	7.216	107	632321	33.40	ng	#	85
22) Acetophenone	7.210	105	841279	36.19	ng	#	91
24) Nitrobenzene	7.381	77	773008	37.45	ng		99
25) Isophorone	7.622	82	1443461	39.42	ng		99
26) 2-Nitrophenol	7.698	139	430977	49.84	ng	#	87
27) 2,4-Dimethylphenol	7.740	122	597464	44.63	ng		92
28) bis(2-Chloroethoxy)met...	7.834	93	828103	43.22	ng		100
29) 2,4-Dichlorophenol	7.945	162	575095	41.61	ng		96
30) 1,2,4-Trichlorobenzene	8.022	180	549605	36.57	ng		99
31) Naphthalene	8.104	128	1931879	39.33	ng		99
32) Benzoic acid	7.898	122	508125	51.46	ng		92
33) 4-Chloroaniline	8.151	127	861126	43.08	ng		97
34) Hexachlorobutadiene	8.216	225	268288	31.65	ng		98
35) Caprolactam	8.539	113	212816m	45.89	ng		
36) 4-Chloro-3-methylphenol	8.645	107	611797	37.24	ng		97
37) 2-Methylnaphthalene	8.792	142	1258393	38.46	ng		99
38) 1-Methylnaphthalene	8.892	142	1188728	38.84	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	428961	34.23	ng	#	97
41) Hexachlorocyclopentadiene	8.945	237	176463	30.06	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	354283	39.87	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	379738	39.93	ng		97
46) 1,1'-Biphenyl	9.257	154	1348691	38.77	ng		98
47) 2-Chloronaphthalene	9.286	162	1142449	41.63	ng		96
48) 2-Nitroaniline	9.381	65	421686	42.88	ng		88
49) Acenaphthylene	9.698	152	1724147	41.42	ng		100
50) Dimethylphthalate	9.563	163	1318757	42.06	ng		98
51) 2,6-Dinitrotoluene	9.628	165	321531	44.49	ng		97
52) Acenaphthene	9.875	154	1014141	35.33	ng		99
53) 3-Nitroaniline	9.798	138	405102	50.51	ng		97
54) 2,4-Dinitrophenol	9.904	184	187336	49.35	ng		92
55) Dibenzofuran	10.045	168	1479532	38.07	ng		100
56) 4-Nitrophenol	9.969	139	312193	48.84	ng		87
57) 2,4-Dinitrotoluene	10.033	165	403418	41.51	ng		96
58) Fluorene	10.386	166	1099689	35.96	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	277631	36.59	ng	#	81
60) Diethylphthalate	10.263	149	1222651	39.38	ng		97
61) 4-Chlorophenyl-phenyle...	10.375	204	446086	30.64	ng		89
62) 4-Nitroaniline	10.416	138	418719	51.86	ng	#	81
63) Azobenzene	10.539	77	1316899	36.81	ng		93
65) 4,6-Dinitro-2-methylph...	10.445	198	237694	52.61	ng		85
66) n-Nitrosodiphenylamine	10.498	169	1041432	44.87	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	281184	38.43	ng		93
68) Hexachlorobenzene	10.939	284	288039	37.37	ng	#	92
69) Atrazine	11.028	200	285172	38.88	ng		95
70) Pentachlorophenol	11.133	266	179640	36.91	ng		96
71) Phenanthrene	11.351	178	1595801	40.21	ng		99
72) Anthracene	11.404	178	1608221	40.61	ng		99
73) Carbazole	11.557	167	1675966	44.94	ng		99
74) Di-n-butylphthalate	11.886	149	1867812	44.80	ng		99
75) Fluoranthene	12.539	202	1565482	37.21	ng		96
77) Benzidine	12.663	184	650210	50.09	ng		98
78) Pyrene	12.769	202	1595309	50.85	ng		100
80) Butylbenzylphthalate	13.386	149	792981	59.79	ng	#	94
81) Benzo(a)anthracene	13.963	228	1159362	42.45	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	401507	44.22	ng	#	96
83) Chrysene	13.998	228	1202249	44.82	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	909616	49.82	ng	#	99
85) Di-n-octyl phthalate	14.563	149	1607479	51.53	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.851	276	956705	42.81	ng	#	85
88) Benzo(b)fluoranthene	15.004	252	1054866	46.45	ng	#	95
89) Benzo(k)fluoranthene	15.033	252	936768	45.49	ng	#	97
90) Benzo(a)pyrene	15.357	252	924029	45.63	ng	#	94
91) Dibenzo(a,h)anthracene	16.868	278	784779	40.93	ng	#	92
92) Benzo(g,h,i)perylene	17.286	276	839160	47.52	ng	#	87

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

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