Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108636.D
Acq On : 30 Aug 2018 12:34
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
8/31/2018 12:17:57 PM

Quant Time: Aug 30 14:54:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 12:33:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	125144	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	524643	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	275356	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	581780	20.00	ng		0.00
75) Chrysene-d12	14.20	240	422281	20.00	ng		0.00
86) Perylene-d12	15.75	264	308295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	692028	100.12	ng		0.00
7) Phenol-d6	6.65	99	1010217	109.98	ng		0.00
23) Nitrobenzene-d5	7.58	82	1015137	107.97	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	356944	129.96	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1937127	112.94	ng		0.00
78) Terphenyl-d14	13.13	244	2087450	125.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	153480	43.212	ng		86
3) Pyridine	3.70	79	391249	42.762	ng		86
4) n-Nitrosodimethylamine	3.67	42	203430m	39.514	ng		
6) Aniline	6.68	93	567755	45.441	ng	#	75
8) 2-Chlorophenol	6.80	128	442110	56.789	ng		95
9) Benzaldehyde	6.57	77	298792	41.955	ng		98
10) Phenol	6.67	94	612837	64.500	ng		81
11) bis(2-Chloroethyl)ether	6.74	93	514122	66.931	ng		96
12) 1,3-Dichlorobenzene	6.94	146	506688	56.288	ng		97
13) 1,4-Dichlorobenzene	7.02	146	557901	61.687	ng		99
14) 1,2-Dichlorobenzene	7.17	146	501754	59.644	ng		99
15) Benzyl Alcohol	7.15	79	382040	49.405	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.27	45	789486	49.891	ng		56
17) 2-Methylphenol	7.27	107	362510	54.299	ng	#	75
18) Hexachloroethane	7.51	117	187630	58.273	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	347328	55.917	ng		91
20) 3+4-Methylphenols	7.42	107	469582	54.887	ng	#	48
22) Acetophenone	7.42	105	647994	52.822	ng	#	86
24) Nitrobenzene	7.60	77	529184	55.660	ng		95
25) Isophorone	7.82	82	856040	47.769	ng		96
26) 2-Nitrophenol	7.91	139	246741	68.722	ng		92
27) 2,4-Dimethylphenol	7.94	122	339131	42.638	ng		96
28) bis(2-Chloroethoxy)methane	8.03	93	541019	51.715	ng		98
29) 2,4-Dichlorophenol	8.15	162	413065	56.434	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	454035	56.262	ng		96
31) Naphthalene	8.31	128	1224164	51.307	ng		99
32) Benzoic acid	8.10	122	237094m	56.214	ng		
33) 4-Chloroaniline	8.37	127	550774	52.970	ng		96
34) Hexachlorobutadiene	8.41	225	295786	57.898	ng		99
35) Caprolactam	8.76	113	112426	49.014	ng	#	81
36) 4-Chloro-3-methylphenol	8.85	107	441683	55.937	ng		98
37) 2-Methylnaphthalene	9.00	142	836326	49.543	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	483872	57.223	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	187897	34.402	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	294175	56.062	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	334444	57.899	ng		97
45) 1,1'-Biphenyl	9.47	154	1166758	57.470	ng		98
46) 2-Chloronaphthalene	9.50	162	909842	56.702	ng		99
47) 2-Nitroaniline	9.60	65	311835	60.062	ng		86
48) Acenaphthylene	9.91	152	1318958	51.994	ng		100
49) Dimethylphthalate	9.77	163	1061933	55.364	ng		99
50) 2,6-Dinitrotoluene	9.84	165	238726	59.488	ng	#	81
51) Acenaphthene	10.08	154	793147	51.047	ng		99
52) 3-Nitroaniline	10.02	138	257173	58.572	ng		94
53) 2,4-Dinitrophenol	10.12	184	86482	68.570	ng	#	29
54) Dibenzofuran	10.26	168	1230991	54.686	ng		97
55) 4-Nitrophenol	10.20	139	159478m	47.965	ng		
56) 2,4-Dinitrotoluene	10.25	165	310501	60.110	ng	#	89
57) Fluorene	10.60	166	961784	53.973	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	291474	60.372	ng	#	85
59) Diethylphthalate	10.46	149	1053158	56.702	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	543594	58.544	ng		95
61) 4-Nitroaniline	10.66	138	240448	55.390	ng		91
62) Azobenzene	10.75	77	1043157	54.384	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	132680	66.166	ng		92
65) n-Nitrosodiphenylamine	10.71	169	931282	54.169	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	351064	55.527	ng		90
67) Hexachlorobenzene	11.15	284	377383	56.731	ng	#	89
68) Atrazine	11.24	200	260802	45.228	ng		96
69) Pentachlorophenol	11.35	266	222131	69.765	ng		99
70) Phenanthrene	11.57	178	1412034	51.458	ng		99
71) Anthracene	11.62	178	1483223	52.738	ng		99
72) Carbazole	11.79	167	1432038	57.309	ng		99
73) Di-n-butylphthalate	12.08	149	1629501	57.573	ng		99
74) Fluoranthene	12.77	202	1564274	52.233	ng		96
76) Benzidine	12.89	184	567517m	35.970	ng		
77) Pyrene	13.00	202	1574213	58.883	ng		99
79) Butylbenzylphthalate	13.59	149	669147	63.032	ng	#	98
80) Benzo(a)anthracene	14.19	228	1247379	51.471	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	441831	50.873	ng	#	97
82) Chrysene	14.23	228	1207774	54.360	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	851035	59.198	ng	#	98
84) Di-n-octyl phthalate	14.77	149	1223529	55.806	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	851026	44.207	ng	#	89
87) Benzo(b)fluoranthene	15.29	252	964483	52.355	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	893787	52.780	ng	#	96
89) Benzo(a)pyrene	15.69	252	847556	51.379	ng	#	95
90) Dibenzo(a,h)anthracene	17.39	278	710245	52.036	ng	#	93
91) Benzo(g,h,i)perylene	17.88	276	701350	52.184	ng	#	87

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

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