Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108687.D
Acq On : 31 Aug 2018 14:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/4/2018 3:53:02 PM

Quant Time: Aug 31 15:10:56 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 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	109985	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	469034	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	239837	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	487889	20.00	ng		0.00
75) Chrysene-d12	14.19	240	370446	20.00	ng		0.00
86) Perylene-d12	15.75	264	301756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	443720m	70.09	ng		-0.01
7) Phenol-d6	6.64	99	666225	73.47	ng		-0.01
23) Nitrobenzene-d5	7.57	82	716349	77.52	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	225448	71.21	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1403076	78.66	ng		0.00
78) Terphenyl-d14	13.12	244	1467043	76.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	103269	35.098	ng	#	96
3) Pyridine	3.68	79	229394m	33.744	ng		
4) n-Nitrosodimethylamine	3.67	42	94464m	27.857	ng		
6) Aniline	6.69	93	357190	36.504	ng	#	85
8) 2-Chlorophenol	6.79	128	303415	39.195	ng		91
9) Benzaldehyde	6.58	77	236117m	42.129	ng		
10) Phenol	6.65	94	404324	38.237	ng		85
11) bis(2-Chloroethyl)ether	6.74	93	374966	40.270	ng		97
12) 1,3-Dichlorobenzene	6.94	146	338868	37.755	ng		99
13) 1,4-Dichlorobenzene	7.02	146	392426	40.054	ng		97
14) 1,2-Dichlorobenzene	7.17	146	371509	41.288	ng		97
15) Benzyl Alcohol	7.21	79	207996m	31.887	ng		
16) 2,2'-oxybis(1-Chloropropan	7.27	45	558756	39.117	ng		73
17) 2-Methylphenol	7.25	107	230199	38.247	ng	#	70
18) Hexachloroethane	7.50	117	130217	38.647	ng		94
19) n-Nitroso-di-n-propylamine	7.41	70	228811	37.680	ng		92
20) 3+4-Methylphenols	7.41	107	258493	34.279	ng	#	29
22) Acetophenone	7.41	105	443564	37.883	ng	#	87
24) Nitrobenzene	7.59	77	370356	39.527	ng		93
25) Isophorone	7.81	82	560737	36.530	ng		95
26) 2-Nitrophenol	7.91	139	163545	38.558	ng		89
27) 2,4-Dimethylphenol	7.94	122	231702	37.561	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	360796	37.208	ng		97
29) 2,4-Dichlorophenol	8.15	162	270403	36.949	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	318362	38.902	ng		99
31) Naphthalene	8.31	128	920236	41.191	ng		99
32) Benzoic acid	8.08	122	152027m	38.430	ng		
33) 4-Chloroaniline	8.37	127	369497	37.467	ng		98
34) Hexachlorobutadiene	8.41	225	206285	38.390	ng		99
35) Caprolactam	8.74	113	62448	32.023	ng	#	82
36) 4-Chloro-3-methylphenol	8.84	107	292266	37.209	ng		98
37) 2-Methylnaphthalene	9.00	142	569646	37.687	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	336336	39.501	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	111073	35.354	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	177093	35.122	ng		96
43) 2,4,5-Trichlorophenol	9.33	196	238342	40.536	ng		95
45) 1,1'-Biphenyl	9.46	154	801862	38.404	ng		98
46) 2-Chloronaphthalene	9.49	162	628391	38.443	ng		100
47) 2-Nitroaniline	9.60	65	200052	36.593	ng		87
48) Acenaphthylene	9.91	152	906969	37.900	ng		100
49) Dimethylphthalate	9.76	163	693800	36.736	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	151709	36.442	ng	#	90
51) Acenaphthene	10.08	154	517863	36.193	ng		100
52) 3-Nitroaniline	10.02	138	174749	38.803	ng		97
53) 2,4-Dinitrophenol	10.12	184	65315	46.141	ng	#	41
54) Dibenzofuran	10.25	168	826844	36.930	ng		96
55) 4-Nitrophenol	10.21	139	94347	35.645	ng		89
56) 2,4-Dinitrotoluene	10.24	165	202111	36.667	ng	#	88
57) Fluorene	10.60	166	634984	36.596	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	195534	37.121	ng	#	79
59) Diethylphthalate	10.45	149	679350	35.704	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	368216	37.398	ng		90
61) 4-Nitroaniline	10.65	138	155876	35.769	ng		91
62) Azobenzene	10.74	77	699890	37.007	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	73617	34.006	ng		86
65) n-Nitrosodiphenylamine	10.71	169	614311	37.898	ng		95
66) 4-Bromophenyl-phenylether	11.08	248	227018	37.860	ng	#	83
67) Hexachlorobenzene	11.14	284	244681	37.876	ng	#	88
68) Atrazine	11.22	200	166725	33.676	ng		96
69) Pentachlorophenol	11.35	266	115162	33.548	ng		99
70) Phenanthrene	11.57	178	922347	37.454	ng		99
71) Anthracene	11.62	178	1016810	39.296	ng		100
72) Carbazole	11.78	167	958560	38.312	ng		99
73) Di-n-butylphthalate	12.08	149	1071627	37.227	ng		99
74) Fluoranthene	12.76	202	1043505	37.645	ng		95
76) Benzidine	12.90	184	409779	39.298	ng		99
77) Pyrene	13.00	202	1053288	37.824	ng		100
79) Butylbenzylphthalate	13.59	149	440438	37.613	ng	#	97
80) Benzo(a)anthracene	14.18	228	831589	36.823	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	324229	39.589	ng	#	97
82) Chrysene	14.22	228	831729	38.297	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	568406	37.765	ng		100
84) Di-n-octyl phthalate	14.76	149	863384	39.015	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	631175	41.797	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	658066	35.501	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	704492	38.365	ng	#	95
89) Benzo(a)pyrene	15.69	252	618412	36.917	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	532183	39.777	ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	516413	39.714	ng	#	89

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

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