Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107743.D
Acq On : 27 Jul 2018 13:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/30/2018 2:02:42 PM

Quant Time: Jul 27 19:57:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	199890	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	832828	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	384043	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	781387	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	589018	20.00	ng		-0.02
86) Perylene-d12	15.68	264	491784	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	891046	71.67	ng		-0.01
7) Phenol-d6	6.61	99	1128030	75.56	ng		0.00
23) Nitrobenzene-d5	7.54	82	1142314	92.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	418472	95.82	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	2223847	106.00	ng		-0.02
78) Terphenyl-d14	13.08	244	2078081	90.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	196686	33.990	ng	#	84
3) Pyridine	3.63	79	524050m	33.289	ng		
4) n-Nitrosodimethylamine	3.60	42	221517m	33.364	ng		
6) Aniline	6.64	93	647725	33.641	ng	#	77
8) 2-Chlorophenol	6.75	128	551964	41.440	ng		95
9) Benzaldehyde	6.52	77	367909	41.164	ng		94
10) Phenol	6.62	94	606968	34.572	ng		92
11) bis(2-Chloroethyl)ether	6.70	93	596855	41.006	ng		96
12) 1,3-Dichlorobenzene	6.90	146	588826	38.991	ng		97
13) 1,4-Dichlorobenzene	6.98	146	677556	43.775	ng		98
14) 1,2-Dichlorobenzene	7.13	146	609058	43.848	ng		99
15) Benzyl Alcohol	7.11	79	391868	38.517	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.23	45	868233	35.358	ng		71
17) 2-Methylphenol	7.22	107	436057	38.518	ng	#	86
18) Hexachloroethane	7.47	117	224692	41.388	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	375063	38.892	ng		97
20) 3+4-Methylphenols	7.38	107	498915	37.114	ng	#	56
22) Acetophenone	7.38	105	762650	38.992	ng	#	90
24) Nitrobenzene	7.55	77	598539	42.346	ng		98
25) Isophorone	7.78	82	925072	35.108	ng		98
26) 2-Nitrophenol	7.87	139	323589	54.213	ng		99
27) 2,4-Dimethylphenol	7.90	122	402562	35.630	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	643727	36.557	ng		99
29) 2,4-Dichlorophenol	8.11	162	479822	41.550	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	532392	41.047	ng		98
31) Naphthalene	8.27	128	1596407	43.590	ng		99
32) Benzoic acid	8.04	122	236407m	32.939	ng		
33) 4-Chloroaniline	8.32	127	685179	42.805	ng		98
34) Hexachlorobutadiene	8.37	225	314550	40.813	ng		98
35) Caprolactam	8.71	113	134049	35.688	ng	#	84
36) 4-Chloro-3-methylphenol	8.81	107	520107	40.545	ng		98
37) 2-Methylnaphthalene	8.96	142	1015158	40.001	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	549929	42.932	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	239412	36.767	ng		95

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42) 2,4,6-Trichlorophenol	9.24	196	331156	40.389	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	393240	45.890	ng		94
45) 1,1'-Biphenyl	9.42	154	1407185	42.062	ng		98
46) 2-Chloronaphthalene	9.45	162	1056447	41.313	ng		97
47) 2-Nitroaniline	9.56	65	354053	47.492	ng		93
48) Acenaphthylene	9.87	152	1557314	40.540	ng		100
49) Dimethylphthalate	9.72	163	1141376	39.434	ng		99
50) 2,6-Dinitrotoluene	9.80	165	257864	44.873	ng		93
51) Acenaphthene	10.04	154	889348	36.951	ng		99
52) 3-Nitroaniline	9.98	138	315981	45.198	ng		93
53) 2,4-Dinitrophenol	10.08	184	119127	53.605	ng	#	34
54) Dibenzofuran	10.21	168	1418267	40.026	ng		98
55) 4-Nitrophenol	10.20	139	196464m	37.535	ng		
56) 2,4-Dinitrotoluene	10.20	165	331205	47.747	ng		94
57) Fluorene	10.55	166	1076681	42.592	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	307948	43.180	ng		89
59) Diethylphthalate	10.42	149	1177389	38.949	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	587408	41.104	ng		93
61) 4-Nitroaniline	10.60	138	283898	48.335	ng		94
62) Azobenzene	10.71	77	1101084	38.845	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	184767	48.804	ng		89
65) n-Nitrosodiphenylamine	10.67	169	1012280	38.145	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	355151	38.611	ng	#	88
67) Hexachlorobenzene	11.10	284	406124	40.128	ng	#	88
68) Atrazine	11.19	200	300967	37.145	ng		97
69) Pentachlorophenol	11.30	266	244680	38.705	ng		99
70) Phenanthrene	11.52	178	1447490	38.015	ng		99
71) Anthracene	11.58	178	1644589	42.897	ng		99
72) Carbazole	11.74	167	1666471	41.801	ng		99
73) Di-n-butylphthalate	12.04	149	1766512	42.313	ng		99
74) Fluoranthene	12.71	202	1663793	40.720	ng		98
76) Benzidine	12.84	184	723716	42.665	ng		99
77) Pyrene	12.95	202	1642912	40.778	ng		99
79) Butylbenzylphthalate	13.55	149	740033	42.711	ng		92
80) Benzo(a)anthracene	14.14	228	1317872	38.180	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	488678	49.004	ng	#	97
82) Chrysene	14.18	228	1363325	41.117	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	896117	36.654	ng		100
84) Di-n-octyl phthalate	14.72	149	1498940	39.445	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	947204	33.706	ng	#	92
87) Benzo(b)fluoranthene	15.22	252	1030091	38.272	ng		97
88) Benzo(k)fluoranthene	15.25	252	1112105m	42.175	ng		
89) Benzo(a)pyrene	15.61	252	973502	39.541	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	805939	37.869	ng	#	95
91) Benzo(g,h,i)perylene	17.73	276	782007	37.252	ng	#	91

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

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