Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112432.D
Acq On : 7 Feb 2019 12:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/11/2019 4:49:47 PM

Quant Time: Feb 09 03:12:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147471	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	566012	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	283616	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	548387	20.00	ng		0.00
76) Chrysene-d12	14.00	240	426546	20.00	ng		0.00
87) Perylene-d12	15.47	264	331789	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	680654	98.04	ng		-0.01
7) Phenol-d6	6.49	99	835621	86.62	ng		0.00
23) Nitrobenzene-d5	7.40	82	792353	80.66	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	267902	81.15	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1546650	77.13	ng		-0.01
79) Terphenyl-d14	12.95	244	1746006	77.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	143164	51.763	ng		95
3) Pyridine	3.36	79	353563	50.255	ng		98
4) n-Nitrosodimethylamine	3.31	42	149803	50.681	ng	#	91
6) Aniline	6.50	93	496645	43.276	ng	#	66
8) 2-Chlorophenol	6.63	128	391460	41.912	ng		99
9) Benzaldehyde	6.39	77	204806	40.616	ng		97
10) Phenol	6.50	94	454857	42.974	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	343875	41.267	ng		98
12) 1,3-Dichlorobenzene	6.77	146	438490	40.312	ng		98
13) 1,4-Dichlorobenzene	6.85	146	448077	40.026	ng		98
14) 1,2-Dichlorobenzene	7.00	146	415449	39.638	ng		95
15) Benzyl Alcohol	6.98	79	325051	39.969	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	420959	39.345	ng		69
17) 2-Methylphenol	7.10	107	293249	39.607	ng		92
18) Hexachloroethane	7.35	117	155410	39.534	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	261529	39.314	ng		97
20) 3+4-Methylphenols	7.25	107	391613	41.362	ng		93
22) Acetophenone	7.25	105	547608	39.732	ng	#	96
24) Nitrobenzene	7.42	77	392256	39.983	ng		94
25) Isophorone	7.66	82	610914	39.643	ng		98
26) 2-Nitrophenol	7.73	139	220973	42.147	ng		91
27) 2,4-Dimethylphenol	7.77	122	290928	40.275	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	421790	40.197	ng		98
29) 2,4-Dichlorophenol	7.99	162	330819	40.925	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	373186	40.163	ng		98
31) Naphthalene	8.14	128	1065761	40.264	ng		98
32) Benzoic acid	7.92	122	188732m	45.804	ng		
33) 4-Chloroaniline	8.19	127	468048	40.610	ng		99
34) Hexachlorobutadiene	8.26	225	211323	38.756	ng		99
35) Caprolactam	8.57	113	117494	41.202	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	340423	39.781	ng		100
37) 2-Methylnaphthalene	8.83	142	717389	39.590	ng		97
38) 1-Methylnaphthalene	8.93	142	685326	39.459	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	360723	38.737	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	100580	34.618	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	229992	40.068	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	239407	39.907	ng		98
46) 1,1'-Biphenyl	9.29	154	973533	39.264	ng		99
47) 2-Chloronaphthalene	9.32	162	756618	39.351	ng		97
48) 2-Nitroaniline	9.42	65	216898	41.388	ng		94
49) Acenaphthylene	9.73	152	1109040	39.353	ng		99
50) Dimethylphthalate	9.59	163	850784	38.610	ng		99
51) 2,6-Dinitrotoluene	9.66	165	196397	39.796	ng		97
52) Acenaphthene	9.91	154	667080	39.624	ng		100
53) 3-Nitroaniline	9.83	138	219092	40.978	ng		91
54) 2,4-Dinitrophenol	9.95	184	58482	36.925	ng		87
55) Dibenzofuran	10.08	168	1003240	38.996	ng		96
56) 4-Nitrophenol	10.02	139	105172	37.207	ng		96
57) 2,4-Dinitrotoluene	10.07	165	253245	40.308	ng	#	82
58) Fluorene	10.42	166	772282	40.114	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	187835	41.432	ng		94
60) Diethylphthalate	10.29	149	843274	38.562	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	404554	38.630	ng		94
62) 4-Nitroaniline	10.45	138	218040	41.577	ng		94
63) Azobenzene	10.57	77	753624	39.185	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	115901	37.696	ng		89
66) n-Nitrosodiphenylamine	10.53	169	739091	39.989	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	250512	38.840	ng		96
68) Hexachlorobenzene	10.98	284	271762	39.273	ng		96
69) Atrazine	11.06	200	209587	35.144	ng		97
70) Pentachlorophenol	11.18	266	111282	41.329	ng		96
71) Phenanthrene	11.39	178	1115732	39.135	ng		99
72) Anthracene	11.44	178	1136776	40.028	ng		99
73) Carbazole	11.59	167	1142050	40.768	ng		98
74) Di-n-butylphthalate	11.91	149	1305402	37.542	ng		99
75) Fluoranthene	12.57	202	1175406	38.439	ng		99
77) Benzidine	12.69	184	433744	36.946	ng		97
78) Pyrene	12.80	202	1209646	40.961	ng		99
80) Butylbenzylphthalate	13.41	149	542929	37.999	ng		97
81) Benzo(a)anthracene	14.00	228	1001518	39.942	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	366922	39.101	ng		99
83) Chrysene	14.03	228	937465	39.167	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	721925	35.595	ng		98
85) Di-n-octyl phthalate	14.57	149	1065993	34.162	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	696515	36.725	ng		98
88) Benzo(b)fluoranthene	15.04	252	757092	38.155	ng		99
89) Benzo(k)fluoranthene	15.07	252	792314	41.687	ng		98
90) Benzo(a)pyrene	15.41	252	711289	39.839	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	584050	40.589	ng		98
92) Benzo(g,h,i)perylene	17.40	276	568899	41.906	ng		96

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

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