Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
Data File : BF113254.D
Acq On : 23 Mar 2019 10:47
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/25/2019 12:48:12 PM

Quant Time: Mar 23 22:59:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	214026	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	838502	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	418445	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	778736	20.00	ng		-0.01
76) Chrysene-d12	13.87	240	587794	20.00	ng		0.00
87) Perylene-d12	15.27	264	508292	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1020257	74.15	ng		-0.02
7) Phenol-d6	6.37	99	1288663	74.56	ng		0.00
23) Nitrobenzene-d5	7.29	82	1233965	88.06	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	424145	95.48	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	2112587	83.17	ng		-0.01
79) Terphenyl-d14	12.82	244	2176281	71.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	237284	34.404	ng		98
3) Pyridine	3.08	79	615818	33.375	ng		99
4) n-Nitrosodimethylamine	3.03	42	275451	34.126	ng		100
6) Aniline	6.38	93	807412	33.938	ng	#	41
8) 2-Chlorophenol	6.51	128	610964	39.890	ng		92
9) Benzaldehyde	6.26	77	442934	35.567	ng		99
10) Phenol	6.39	94	740487	36.715	ng		82
11) bis(2-Chloroethyl)ether	6.46	93	585617	37.829	ng		97
12) 1,3-Dichlorobenzene	6.66	146	650355	41.105	ng		97
13) 1,4-Dichlorobenzene	6.73	146	657032	41.408	ng		98
14) 1,2-Dichlorobenzene	6.89	146	596134	40.984	ng		97
15) Benzyl Alcohol	6.87	79	482339	36.598	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	919366	35.587	ng		80
17) 2-Methylphenol	6.99	107	488406	39.308	ng		94
18) Hexachloroethane	7.23	117	242370	39.876	ng		92
19) n-Nitroso-di-n-propylamine	7.15	70	409390	37.400	ng		97
20) 3+4-Methylphenols	7.14	107	575040	40.993	ng	#	86
22) Acetophenone	7.13	105	853269	43.520	ng		92
24) Nitrobenzene	7.30	77	629940	40.390	ng		98
25) Isophorone	7.55	82	1170281	38.766	ng		98
26) 2-Nitrophenol	7.62	139	349746	53.870	ng		96
27) 2,4-Dimethylphenol	7.67	122	488914	40.478	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	754652	39.983	ng		98
29) 2,4-Dichlorophenol	7.87	162	530016	45.250	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	570016	45.291	ng		99
31) Naphthalene	8.02	128	1685037	40.477	ng		99
32) Benzoic acid	7.82	122	408081	48.204	ng		92
33) 4-Chloroaniline	8.07	127	733246	41.585	ng		100
34) Hexachlorobutadiene	8.15	225	337793	47.591	ng		99
35) Caprolactam	8.46	113	169022m	40.971	ng		
36) 4-Chloro-3-methylphenol	8.57	107	541321	41.760	ng		98
37) 2-Methylnaphthalene	8.72	142	1126763	41.912	ng		99
38) 1-Methylnaphthalene	8.81	142	1084288	41.636	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	549751	45.053	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	251638	37.659	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	367132	43.717	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	384702	42.381	ng		95
46) 1,1'-Biphenyl	9.18	154	1406832	41.219	ng		99
47) 2-Chloronaphthalene	9.20	162	1061108	39.816	ng		98
48) 2-Nitroaniline	9.30	65	358690	44.280	ng		99
49) Acenaphthylene	9.62	152	1669630	36.903	ng		100
50) Dimethylphthalate	9.48	163	1294971	41.971	ng		100
51) 2,6-Dinitrotoluene	9.55	165	287948	44.816	ng	#	82
52) Acenaphthene	9.79	154	985826	37.260	ng		99
53) 3-Nitroaniline	9.72	138	332713	42.497	ng		97
54) 2,4-Dinitrophenol	9.82	184	140951	55.759	ng		95
55) Dibenzofuran	9.96	168	1459270	37.948	ng		98
56) 4-Nitrophenol	9.89	139	236700	37.201	ng		94
57) 2,4-Dinitrotoluene	9.95	165	359898	45.063	ng		91
58) Fluorene	10.30	166	1106003	40.524	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	323250	42.743	ng		93
60) Diethylphthalate	10.17	149	1226634	37.642	ng		98
61) 4-Chlorophenyl-phenylether	10.29	204	550277	43.334	ng		93
62) 4-Nitroaniline	10.33	138	340882	47.119	ng		96
63) Azobenzene	10.45	77	1181818	35.408	ng		97
65) 4,6-Dinitro-2-methylphenol	10.36	198	187786	57.661	ng	#	77
66) n-Nitrosodiphenylamine	10.42	169	1030723	41.270	ng		100
67) 4-Bromophenyl-phenylether	10.78	248	391295	47.705	ng	#	91
68) Hexachlorobenzene	10.85	284	442121	47.816	ng	#	91
69) Atrazine	10.94	200	276047	36.089	ng		99
70) Pentachlorophenol	11.05	266	235915	43.350	ng		98
71) Phenanthrene	11.26	178	1569718	40.514	ng		100
72) Anthracene	11.31	178	1604207	39.553	ng		100
73) Carbazole	11.46	167	1565837	39.577	ng		100
74) Di-n-butylphthalate	11.80	149	1825877	38.488	ng		99
75) Fluoranthene	12.44	202	1728943	41.650	ng		98
77) Benzidine	12.56	184	738545	24.218	ng		99
78) Pyrene	12.67	202	1769362	35.707	ng		99
80) Butylbenzylphthalate	13.29	149	801223	36.631	ng		93
81) Benzo(a)anthracene	13.86	228	1401463	34.402	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	579467	37.610	ng		99
83) Chrysene	13.89	228	1413635	35.426	ng		100
84) Bis(2-ethylhexyl)phthalate	13.84	149	928666	36.198	ng		100
85) Di-n-octyl phthalate	14.46	149	1555128	35.300	ng		98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1351383	39.724	ng		94
88) Benzo(b)fluoranthene	14.87	252	1310171	39.850	ng		98
89) Benzo(k)fluoranthene	14.90	252	1158211m	38.891	ng		
90) Benzo(a)pyrene	15.22	252	1149577	39.530	ng		97
91) Dibenzo(a,h)anthracene	16.66	278	1093211	44.054	ng		96
92) Benzo(g,h,i)perylene	17.05	276	1137654	45.656	ng		96

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

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