Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112555.D
Acq On : 14 Feb 2019 1:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/14/2019 11:36:23 AM

Quant Time: Feb 14 06:56:30 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	90103	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	310560	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	122212	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	211961	20.00	ng		0.00
76) Chrysene-d12	14.02	240	179810	20.00	ng		0.00
87) Perylene-d12	15.50	264	121820	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	421737	99.42	ng		-0.01
7) Phenol-d6	6.49	99	508399	86.25	ng		0.00
23) Nitrobenzene-d5	7.40	82	456179	84.64	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	106590	74.93	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	787722	91.16	ng		-0.01
79) Terphenyl-d14	12.94	244	808778	84.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	83658	49.506	ng		95
3) Pyridine	3.32	79	207101	48.179	ng		98
4) n-Nitrosodimethylamine	3.27	42	91698	50.775	ng	#	86
6) Aniline	6.50	93	291811	41.616	ng	#	72
8) 2-Chlorophenol	6.63	128	234999	41.180	ng		99
9) Benzaldehyde	6.39	77	132053	42.862	ng		98
10) Phenol	6.50	94	276464	42.751	ng		88
11) bis(2-Chloroethyl)ether	6.57	93	211305	41.503	ng		97
12) 1,3-Dichlorobenzene	6.78	146	268938	40.467	ng		100
13) 1,4-Dichlorobenzene	6.85	146	276091	40.366	ng		96
14) 1,2-Dichlorobenzene	7.01	146	254279	39.707	ng		97
15) Benzyl Alcohol	6.99	79	193703	38.983	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	241638	36.964	ng	#	21
17) 2-Methylphenol	7.10	107	169801	37.535	ng	#	86
18) Hexachloroethane	7.35	117	64350	26.792	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	158026	38.880	ng		98
20) 3+4-Methylphenols	7.26	107	231884	40.085	ng	#	62
22) Acetophenone	7.25	105	327801	43.347	ng		93
24) Nitrobenzene	7.42	77	225298	41.855	ng		98
25) Isophorone	7.66	82	335632	39.694	ng		99
26) 2-Nitrophenol	7.74	139	85383	29.681	ng		95
27) 2,4-Dimethylphenol	7.78	122	162400	40.975	ng		92
28) bis(2-Chloroethoxy)methane	7.86	93	235130	40.840	ng		98
29) 2,4-Dichlorophenol	7.99	162	169279	38.166	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	200159	39.260	ng		98
31) Naphthalene	8.14	128	579248	39.884	ng		99
32) Benzoic acid	7.90	122	49111m	21.723	ng		
33) 4-Chloroaniline	8.19	127	247726	39.174	ng		97
34) Hexachlorobutadiene	8.26	225	120743	40.359	ng		98
35) Caprolactam	8.57	113	53034	33.895	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	165152	35.174	ng		99
37) 2-Methylnaphthalene	8.83	142	357427	35.950	ng		97
38) 1-Methylnaphthalene	8.93	142	342620	35.954	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	173773	43.306	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
43) 2,4,6-Trichlorophenol	9.12	196	100347	40.570	ng		99	
44) 2,4,5-Trichlorophenol	9.17	196	100642	38.932	ng		97	
46) 1,1'-Biphenyl	9.29	154	463210	43.355	ng		99	
47) 2-Chloronaphthalene	9.32	162	343627	41.474	ng		95	
48) 2-Nitroaniline	9.43	65	100655	44.573	ng		99	
49) Acenaphthylene	9.74	152	485202	39.955	ng		99	
50) Dimethylphthalate	9.59	163	398688	41.988	ng		98	Sohil
51) 2,6-Dinitrotoluene	9.66	165	76401	35.927	ng	#	86	
52) Acenaphthene	9.91	154	287898	39.686	ng		99	
53) 3-Nitroaniline	9.84	138	100883	43.788	ng		95	
55) Dibenzofuran	10.08	168	426777	38.498	ng		93	
56) 4-Nitrophenol	10.04	139	28172	23.129	ng		92	2/14/2019 11:36:23 AM
57) 2,4-Dinitrotoluene	10.08	165	83764	30.940	ng	#	64	
58) Fluorene	10.43	166	316113	38.105	ng		99	
59) 2,3,4,6-Tetrachlorophenol	10.21	232	74006m	37.883	ng			
60) Diethylphthalate	10.29	149	374420	39.735	ng		98	
61) 4-Chlorophenyl-phenylether	10.41	204	169904	37.650	ng		91	
62) 4-Nitroaniline	10.45	138	106679	47.208	ng		94	
63) Azobenzene	10.57	77	299208	36.104	ng		96	
66) n-Nitrosodiphenylamine	10.53	169	296272	41.473	ng		99	
67) 4-Bromophenyl-phenylether	10.90	248	96338	38.644	ng		91	
68) Hexachlorobenzene	10.99	284	102836	38.448	ng		95	
69) Atrazine	11.06	200	78233	33.940	ng		95	
70) Pentachlorophenol	11.19	266	35442m	34.055	ng			
71) Phenanthrene	11.39	178	444681	40.354	ng		97	
72) Anthracene	11.45	178	453149	41.282	ng		98	
73) Carbazole	11.60	167	464154	42.867	ng		99	
74) Di-n-butylphthalate	11.92	149	524501	39.026	ng		98	
75) Fluoranthene	12.59	202	508791	43.048	ng		96	
77) Benzidine	12.70	184	215506	43.545	ng		96	
78) Pyrene	12.82	202	531746	42.714	ng		98	
80) Butylbenzylphthalate	13.41	149	248520	41.261	ng		90	
81) Benzo(a)anthracene	14.00	228	421012	39.830	ng		97	
82) 3,3'-Dichlorobenzidine	13.96	252	182343	46.095	ng		98	
83) Chrysene	14.04	228	406528	40.291	ng		97	
84) Bis(2-ethylhexyl)phthalate	13.97	149	348480	40.760	ng	#	96	
85) Di-n-octyl phthalate	14.58	149	552128	41.974	ng		98	
86) Indeno(1,2,3-cd)pyrene	17.00	276	279355	34.941	ng		97	
88) Benzo(b)fluoranthene	15.06	252	293273	40.255	ng		99	
89) Benzo(k)fluoranthene	15.09	252	296336	42.465	ng		98	
90) Benzo(a)pyrene	15.43	252	259271	39.551	ng		99	
91) Dibenzo(a,h)anthracene	17.00	278	237883	45.026	ng		99	
92) Benzo(g,h,i)perylene	17.45	276	228252	45.792	ng		96	

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

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