Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111946.D
Acq On : 9 Jan 2019 13:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/10/2019 11:45:51 AM

Quant Time: Jan 10 02:00:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126518	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	463134	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	231631	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	391227	20.00	ng		0.00
76) Chrysene-d12	14.06	240	327881	20.00	ng		0.00
87) Perylene-d12	15.54	264	235499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	642134	86.83	ng		0.00
7) Phenol-d6	6.53	99	775953	81.41	ng		0.00
23) Nitrobenzene-d5	7.45	82	689280	79.54	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	237100	78.70	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1269654	79.93	ng		0.00
79) Terphenyl-d14	13.00	244	1443735	83.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	147145	45.506	ng		98
3) Pyridine	3.43	79	391135	46.668	ng		99
4) n-Nitrosodimethylamine	3.39	42	186331	44.684	ng		99
6) Aniline	6.55	93	472425	40.992	ng	#	70
8) 2-Chlorophenol	6.68	128	343335	41.811	ng		93
9) Benzaldehyde	6.43	77	230542	46.625	ng		99
10) Phenol	6.55	94	428273	41.341	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	317649	39.635	ng		98
12) 1,3-Dichlorobenzene	6.83	146	388569	40.818	ng		98
13) 1,4-Dichlorobenzene	6.90	146	389738	40.345	ng		99
14) 1,2-Dichlorobenzene	7.06	146	357455	38.710	ng		97
15) Benzyl Alcohol	7.03	79	294513	39.052	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	506037	37.034	ng		95
17) 2-Methylphenol	7.15	107	254140	38.507	ng		98
18) Hexachloroethane	7.40	117	127986	37.946	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	238237	38.469	ng		99
20) 3+4-Methylphenols	7.30	107	326537	39.755	ng		93
22) Acetophenone	7.29	105	474003	40.426	ng		99
24) Nitrobenzene	7.47	77	347785	39.674	ng		98
25) Isophorone	7.70	82	516274	36.792	ng		99
26) 2-Nitrophenol	7.79	139	162505	37.650	ng		96
27) 2,4-Dimethylphenol	7.83	122	231844	37.150	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	355432	37.948	ng		100
29) 2,4-Dichlorophenol	8.03	162	278914	38.867	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	320654	40.504	ng		98
31) Naphthalene	8.19	128	868851	39.520	ng		100
32) Benzoic acid	7.95	122	136987m	33.825	ng		
33) 4-Chloroaniline	8.24	127	372152	39.158	ng		98
34) Hexachlorobutadiene	8.31	225	189699	38.491	ng		98
35) Caprolactam	8.62	113	94460	40.288	ng		92
36) 4-Chloro-3-methylphenol	8.73	107	282464	39.588	ng		97
37) 2-Methylnaphthalene	8.88	142	579002	42.502	ng		100
38) 1-Methylnaphthalene	8.98	142	542012	41.482	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	292694	39.636	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	126028	29.517	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	201170	40.164	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	210040	40.025	ng		98
46) 1,1'-Biphenyl	9.35	154	801512	41.367	ng		99
47) 2-Chloronaphthalene	9.37	162	612855	40.302	ng		99
48) 2-Nitroaniline	9.46	65	190831	41.046	ng		98
49) Acenaphthylene	9.79	152	867435	38.584	ng		99
50) Dimethylphthalate	9.65	163	675860	38.842	ng		99
51) 2,6-Dinitrotoluene	9.71	165	156488	40.217	ng		89
52) Acenaphthene	9.96	154	554681	38.271	ng		99
53) 3-Nitroaniline	9.87	138	154775	37.143	ng		100
54) 2,4-Dinitrophenol	9.98	184	45784	27.788	ng	#	87
55) Dibenzofuran	10.13	168	801306	38.016	ng		98
56) 4-Nitrophenol	10.05	139	105390	35.795	ng		95
57) 2,4-Dinitrotoluene	10.11	165	196629	39.108	ng		91
58) Fluorene	10.47	166	655548	42.742	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	167585	37.903	ng		99
60) Diethylphthalate	10.35	149	688317	40.876	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	364845	42.421	ng		100
62) 4-Nitroaniline	10.49	138	171397	43.366	ng		99
63) Azobenzene	10.63	77	679708	42.254	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	85890	35.580	ng		92
66) n-Nitrosodiphenylamine	10.58	169	604090	46.013	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	232060	45.796	ng		92
68) Hexachlorobenzene	11.03	284	250043	44.524	ng		94
69) Atrazine	11.11	200	212644	46.100	ng		98
70) Pentachlorophenol	11.22	266	125789	39.362	ng		97
71) Phenanthrene	11.44	178	851335	40.701	ng		99
72) Anthracene	11.49	178	848559	39.963	ng		99
73) Carbazole	11.65	167	791456	38.319	ng		99
74) Di-n-butylphthalate	11.97	149	938822	39.132	ng		100
75) Fluoranthene	12.63	202	949912	44.237	ng		99
77) Benzidine	12.74	184	448716	45.800	ng		99
78) Pyrene	12.86	202	951555	42.178	ng		99
80) Butylbenzylphthalate	13.47	149	412214	43.219	ng		92
81) Benzo(a)anthracene	14.04	228	761846	40.373	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	291659	41.866	ng		99
83) Chrysene	14.08	228	725948	40.348	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	546099	43.598	ng		99
85) Di-n-octyl phthalate	14.64	149	769854	42.948	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	502867	38.337	ng		99
88) Benzo(b)fluoranthene	15.10	252	541599	38.446	ng		99
89) Benzo(k)fluoranthene	15.13	252	540390	40.809	ng		100
90) Benzo(a)pyrene	15.47	252	507875	41.002	ng		100
91) Dibenzo(a,h)anthracene	17.05	278	426290	42.789	ng		98
92) Benzo(g,h,i)perylene	17.49	276	389243	39.946	ng		97

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

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