Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108367.D
Acq On : 22 Aug 2018 4:53
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
8/22/2018 4:03:29 PM

Quant Time: Aug 22 05:48:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	147921	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	548213	20.00	ng		-0.01
38) Acenaphthene-d10	10.05	164	244609	20.00	ng		-0.01
63) Phenanthrene-d10	11.55	188	399644	20.00	ng		-0.01
75) Chrysene-d12	14.20	240	321488	20.00	ng		-0.02
86) Perylene-d12	15.75	264	277275	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	678017	82.98	ng		0.00
7) Phenol-d6	6.63	99	883178	81.34	ng		0.00
23) Nitrobenzene-d5	7.57	82	820431	83.51	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	187913	77.02	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	1454208	95.45	ng		-0.01
78) Terphenyl-d14	13.13	244	1051570	83.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	160030	38.118	ng		90
3) Pyridine	3.66	79	426514	39.439	ng		84
4) n-Nitrosodimethylamine	3.63	42	219143	36.012	ng	#	81
6) Aniline	6.67	93	593141	40.163	ng		96
8) 2-Chlorophenol	6.80	128	379577	41.249	ng		98
9) Benzaldehyde	6.56	77	322732	38.339	ng		95
10) Phenol	6.64	94	449709	40.043	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	366407	40.355	ng		91
12) 1,3-Dichlorobenzene	6.95	146	435165	40.899	ng		98
13) 1,4-Dichlorobenzene	7.02	146	434742	40.667	ng		98
14) 1,2-Dichlorobenzene	7.18	146	400049	40.232	ng		99
15) Benzyl Alcohol	7.14	79	356181	38.969	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	698898	37.365	ng		97
17) 2-Methylphenol	7.25	107	307911	39.019	ng		95
18) Hexachloroethane	7.52	117	138242	36.323	ng		91
19) n-Nitroso-di-n-propylamine	7.41	70	278011	37.865	ng		90
20) 3+4-Methylphenols	7.40	107	397771	39.335	ng		96
22) Acetophenone	7.41	105	522144	40.733	ng	#	92
24) Nitrobenzene	7.59	77	410473	41.318	ng		93
25) Isophorone	7.82	82	743504	39.705	ng		96
26) 2-Nitrophenol	7.91	139	170443	45.430	ng		98
27) 2,4-Dimethylphenol	7.93	122	340141	40.927	ng		96
28) bis(2-Chloroethoxy)methane	8.03	93	444690	40.679	ng		99
29) 2,4-Dichlorophenol	8.14	162	315170	41.208	ng		97
30) 1,2,4-Trichlorobenzene	8.23	180	344513	40.855	ng		96
31) Naphthalene	8.31	128	1024509	41.093	ng		98
32) Benzoic acid	8.04	122	153644m	33.867	ng		
33) 4-Chloroaniline	8.36	127	440067	40.503	ng		99
34) Hexachlorobutadiene	8.42	225	223397	41.849	ng		99
35) Caprolactam	8.73	113	91800	38.301	ng	#	78
36) 4-Chloro-3-methylphenol	8.83	107	321055	38.912	ng		95
37) 2-Methylnaphthalene	9.01	142	692912	39.282	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	347915	46.316	ng	#	97
40) Hexachlorocyclopentadiene	9.15	237	28523	5.879	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	219601	47.111	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	232734	45.355	ng		97
45) 1,1'-Biphenyl	9.47	154	820590	45.500	ng		100
46) 2-Chloronaphthalene	9.50	162	618183	43.368	ng		98
47) 2-Nitroaniline	9.59	65	208459	45.198	ng		84
48) Acenaphthylene	9.92	152	954570	42.360	ng		99
49) Dimethylphthalate	9.77	163	755126	44.317	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	154203	43.256	ng		94
51) Acenaphthene	10.09	154	547613	39.675	ng		99
52) 3-Nitroaniline	10.01	138	165940	42.544	ng		99
53) 2,4-Dinitrophenol	10.11	184	15777	17.809	ng	#	20
54) Dibenzofuran	10.26	168	817988	40.906	ng		98
55) 4-Nitrophenol	10.15	139	102505	34.705	ng		86
56) 2,4-Dinitrotoluene	10.24	165	188578	41.096	ng	#	98
57) Fluorene	10.60	166	627997	39.672	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.38	232	175217	40.854	ng	#	86
59) Diethylphthalate	10.46	149	713371	43.236	ng		97
60) 4-Chlorophenyl-phenylether	10.59	204	337641	40.934	ng		93
61) 4-Nitroaniline	10.62	138	152449	39.533	ng		94
62) Azobenzene	10.75	77	662819	38.899	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	26921	21.298	ng		84
65) n-Nitrosodiphenylamine	10.71	169	579768	49.092	ng		95
66) 4-Bromophenyl-phenylether	11.08	248	203405	46.834	ng	#	86
67) Hexachlorobenzene	11.15	284	196589	43.021	ng	#	87
68) Atrazine	11.23	200	180686	45.615	ng		96
69) Pentachlorophenol	11.35	266	78056	35.688	ng		97
70) Phenanthrene	11.57	178	799939	42.438	ng		100
71) Anthracene	11.62	178	815926	42.233	ng		100
72) Carbazole	11.78	167	688414	40.106	ng		99
73) Di-n-butylphthalate	12.09	149	953174	49.025	ng		99
74) Fluoranthene	12.77	202	808480	39.300	ng		95
76) Benzidine	12.88	184	467816	38.947	ng		99
77) Pyrene	13.00	202	809329	39.764	ng		99
79) Butylbenzylphthalate	13.60	149	351100	43.442	ng	#	97
80) Benzo(a)anthracene	14.19	228	767184	41.582	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	299941	45.363	ng	#	96
82) Chrysene	14.23	228	720212	42.578	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	482849	44.118	ng		100
84) Di-n-octyl phthalate	14.78	149	850731	50.968	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	533955	36.432	ng	#	91
87) Benzo(b)fluoranthene	15.29	252	713962	43.092	ng	#	97
88) Benzo(k)fluoranthene	15.32	252	631136	41.439	ng	#	95
89) Benzo(a)pyrene	15.69	252	614359	41.409	ng		98
90) Dibenzo(a,h)anthracene	17.39	278	456975	37.226	ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	424112	35.086	ng	#	89

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

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