Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109429.D
Acq On : 28 Sep 2018 14:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/1/2018 9:56:56 AM

Quant Time: Sep 28 16:10:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	109395	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	441828	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	212745	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	417578	20.00	ng		0.00
75) Chrysene-d12	13.85	240	293279	20.00	ng		0.00
86) Perylene-d12	15.25	264	257037	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	493609	74.32	ng		0.00
7) Phenol-d6	6.36	99	681328	80.39	ng		0.00
23) Nitrobenzene-d5	7.27	82	636846	85.09	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	185514	88.46	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1141838	80.95	ng		0.00
78) Terphenyl-d14	12.80	244	979885	82.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	105441	34.470	ng		91
3) Pyridine	3.09	79	271205	34.448	ng		91
4) n-Nitrosodimethylamine	3.01	42	92517m	27.613	ng		
6) Aniline	6.37	93	417286	38.484	ng		94
8) 2-Chlorophenol	6.50	128	300114	40.634	ng		95
9) Benzaldehyde	6.26	77	206209	37.875	ng		97
10) Phenol	6.37	94	369071	38.454	ng	#	61
11) bis(2-Chloroethyl)ether	6.45	93	292611	38.962	ng		95
12) 1,3-Dichlorobenzene	6.65	146	339662	39.942	ng		100
13) 1,4-Dichlorobenzene	6.73	146	340738	39.773	ng		98
14) 1,2-Dichlorobenzene	6.88	146	318372	40.285	ng		99
15) Benzyl Alcohol	6.86	79	268127	41.331	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	407313	38.235	ng		94
17) 2-Methylphenol	6.97	107	240058	40.169	ng		95
18) Hexachloroethane	7.22	117	124560	41.268	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	217334	39.135	ng		98
20) 3+4-Methylphenols	7.13	107	293808	40.720	ng	#	75
22) Acetophenone	7.12	105	398074	38.970	ng	#	94
24) Nitrobenzene	7.29	77	327556	41.160	ng		97
25) Isophorone	7.53	82	526296	39.049	ng		97
26) 2-Nitrophenol	7.61	139	160816	51.098	ng		99
27) 2,4-Dimethylphenol	7.66	122	237451	40.433	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	354230	39.704	ng		99
29) 2,4-Dichlorophenol	7.86	162	257360	41.710	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	274389	39.798	ng		96
31) Naphthalene	8.02	128	816723	39.557	ng		100
32) Benzoic acid	7.79	122	156017	40.356	ng		96
33) 4-Chloroaniline	8.06	127	364502	40.412	ng		99
34) Hexachlorobutadiene	8.14	225	170175	40.943	ng		98
35) Caprolactam	8.45	113	80165	40.694	ng	#	84
36) 4-Chloro-3-methylphenol	8.55	107	269528	41.512	ng		98
37) 2-Methylnaphthalene	8.70	142	529333	39.770	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	272657	40.270	ng		97
40) Hexachlorocyclopentadiene	8.86	237	116882	39.579	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	184589	42.479	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	197805	43.100	ng		97
45) 1,1'-Biphenyl	9.17	154	681242	39.302	ng		99
46) 2-Chloronaphthalene	9.19	162	544657	39.333	ng		98
47) 2-Nitroaniline	9.29	65	173725	44.250	ng		95
48) Acenaphthylene	9.60	152	825523	39.517	ng		99
49) Dimethylphthalate	9.47	163	621321	40.153	ng		99
50) 2,6-Dinitrotoluene	9.53	165	137482	44.861	ng		90
51) Acenaphthene	9.77	154	490233	38.815	ng		98
52) 3-Nitroaniline	9.70	138	163148	45.970	ng		98
53) 2,4-Dinitrophenol	9.80	184	52152	51.392	ng	#	21
54) Dibenzofuran	9.95	168	734300	39.093	ng		95
55) 4-Nitrophenol	9.86	139	114368	42.778	ng		94
56) 2,4-Dinitrotoluene	9.93	165	180302	46.498	ng	#	95
57) Fluorene	10.29	166	531222	39.638	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	159033	43.765	ng		89
59) Diethylphthalate	10.17	149	621694	39.676	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	279139	39.878	ng		99
61) 4-Nitroaniline	10.31	138	156688	45.271	ng		96
62) Azobenzene	10.44	77	628796	38.624	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	80861	48.329	ng		87
65) n-Nitrosodiphenylamine	10.40	169	552833	40.070	ng		94
66) 4-Bromophenyl-phenylether	10.77	248	187634	40.464	ng	#	90
67) Hexachlorobenzene	10.84	284	201041	40.822	ng		93
68) Atrazine	10.93	200	174756	41.186	ng		98
69) Pentachlorophenol	11.03	266	130442	44.254	ng		99
70) Phenanthrene	11.25	178	810919	38.894	ng		99
71) Anthracene	11.30	178	813606	38.474	ng		99
72) Carbazole	11.45	167	812503	38.617	ng		99
73) Di-n-butylphthalate	11.79	149	965990	39.881	ng		99
74) Fluoranthene	12.43	202	854717	38.360	ng		96
76) Benzidine	12.55	184	422165	39.924	ng		98
77) Pyrene	12.66	202	873517	41.559	ng		99
79) Butylbenzylphthalate	13.27	149	391096	43.736	ng		98
80) Benzo(a)anthracene	13.84	228	668406	37.838	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	272643	40.611	ng	#	97
82) Chrysene	13.87	228	673724	38.479	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	472886	41.931	ng		100
84) Di-n-octyl phthalate	14.44	149	785182	40.720	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	547708	38.593	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	592080	41.920	ng		98
88) Benzo(k)fluoranthene	14.88	252	498140	37.168	ng	#	97
89) Benzo(a)pyrene	15.19	252	501558	39.409	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	454662	43.545	ng	#	94
91) Benzo(g,h,i)perylene	17.01	276	461821	45.005	ng	#	92

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

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