Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107167.D
Acq On : 6 Jul 2018 12:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/9/2018 1:57:59 PM

Quant Time: Jul 09 03:30:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62495	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	259303	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	134440	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	269422	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	209529	20.00	ng		-0.03
86) Perylene-d12	15.67	264	179722	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	301367	81.66	ng		-0.02
7) Phenol-d6	6.60	99	371628	80.63	ng		-0.02
23) Nitrobenzene-d5	7.52	82	360880	77.34	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	129972	83.41	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	659013	82.54	ng		-0.02
78) Terphenyl-d14	13.07	244	790250	91.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	69676	36.721	ng		98
3) Pyridine	3.57	79	195722	38.034	ng		97
4) n-Nitrosodimethylamine	3.54	42	79046	36.167	ng		85
6) Aniline	6.62	93	248638	39.770	ng		97
8) 2-Chlorophenol	6.74	128	166200	41.057	ng		97
9) Benzaldehyde	6.51	77	117055	36.614	ng		97
10) Phenol	6.61	94	204697	38.916	ng		75
11) bis(2-Chloroethyl)ether	6.68	93	171709	39.543	ng		99
12) 1,3-Dichlorobenzene	6.89	146	194178	40.956	ng		98
13) 1,4-Dichlorobenzene	6.97	146	196916	41.082	ng		97
14) 1,2-Dichlorobenzene	7.12	146	181102	41.227	ng		98
15) Benzyl Alcohol	7.10	79	142573	38.525	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	210935	37.024	ng		51
17) 2-Methylphenol	7.21	107	150597	43.473	ng	#	93
18) Hexachloroethane	7.45	117	66457	39.426	ng	#	87
19) n-Nitroso-di-n-propylamine	7.36	70	118377	38.964	ng		95
20) 3+4-Methylphenols	7.37	107	172205	46.477	ng	#	81
22) Acetophenone	7.36	105	235121	40.529	ng	#	95
24) Nitrobenzene	7.54	77	184634	38.758	ng		100
25) Isophorone	7.77	82	317969	38.673	ng		99
26) 2-Nitrophenol	7.85	139	94124	41.855	ng		99
27) 2,4-Dimethylphenol	7.88	122	139462	40.123	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	215853	39.100	ng		99
29) 2,4-Dichlorophenol	8.10	162	152082	41.792	ng		95
30) 1,2,4-Trichlorobenzene	8.17	180	172434	43.014	ng		98
31) Naphthalene	8.25	128	486820	40.156	ng		100
32) Benzoic acid	8.02	122	80118	33.636	ng		96
33) 4-Chloroaniline	8.31	127	208429	40.974	ng		99
34) Hexachlorobutadiene	8.36	225	112967	43.247	ng		99
35) Caprolactam	8.68	113	49092m	41.386	ng		
36) 4-Chloro-3-methylphenol	8.80	107	157395	41.092	ng		98
37) 2-Methylnaphthalene	8.94	142	350100	43.569	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	188813	41.703	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	95784	41.120	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	106009	35.225	ng		92
43) 2,4,5-Trichlorophenol	9.28	196	113102m	36.016	ng		
45) 1,1'-Biphenyl	9.41	154	440242	41.090	ng		99
46) 2-Chloronaphthalene	9.44	162	319574	37.893	ng		96
47) 2-Nitroaniline	9.54	65	103055	36.339	ng		98
48) Acenaphthylene	9.85	152	497466	37.361	ng		98
49) Dimethylphthalate	9.71	163	381013	37.787	ng		98
50) 2,6-Dinitrotoluene	9.78	165	87615	41.035	ng	#	79
51) Acenaphthene	10.02	154	321287	38.319	ng		98
52) 3-Nitroaniline	9.95	138	96281	39.187	ng		99
53) 2,4-Dinitrophenol	10.07	184	40606	39.483	ng	#	17
54) Dibenzofuran	10.20	168	454236	39.564	ng		95
55) 4-Nitrophenol	10.14	139	65621	38.263	ng		100
56) 2,4-Dinitrotoluene	10.19	165	111078	39.856	ng	#	94
57) Fluorene	10.54	166	380453	41.759	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	89150	35.713	ng	#	81
59) Diethylphthalate	10.40	149	362101	37.207	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	197581	41.448	ng	#	87
61) 4-Nitroaniline	10.58	138	95865	39.314	ng		95
62) Azobenzene	10.69	77	342122	35.699	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	65790	39.504	ng	#	66
65) n-Nitrosodiphenylamine	10.65	169	338646	37.369	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	134461	41.818	ng	#	80
67) Hexachlorobenzene	11.09	284	143594	42.668	ng	#	86
68) Atrazine	11.18	200	113552	39.416	ng		92
69) Pentachlorophenol	11.30	266	64717	38.541	ng		99
70) Phenanthrene	11.51	178	543660	41.837	ng		99
71) Anthracene	11.57	178	554883	41.834	ng		99
72) Carbazole	11.72	167	500035	40.266	ng		99
73) Di-n-butylphthalate	12.02	149	555583	37.976	ng		100
74) Fluoranthene	12.71	202	592746	41.385	ng		94
76) Benzidine	12.82	184	219066	36.711	ng		97
77) Pyrene	12.94	202	608350	44.029	ng		100
79) Butylbenzylphthalate	13.53	149	223139	39.279	ng	#	95
80) Benzo(a)anthracene	14.12	228	517428	40.518	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	167972	37.425	ng	#	95
82) Chrysene	14.17	228	477748	40.665	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	262667	36.166	ng	#	96
84) Di-n-octyl phthalate	14.70	149	445015	37.590	ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	448514	44.986	ng	#	89
87) Benzo(b)fluoranthene	15.21	252	453845	40.652	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	410152	38.578	ng	#	94
89) Benzo(a)pyrene	15.61	252	395777	39.878	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	376458	44.757	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	379895	46.209	ng	#	89

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

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