Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106414.D
Acq On : 14 Jun 2018 2:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/14/2018 2:47:58 PM

Quant Time: Jun 14 11:26:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	176900	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	712996	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	347212	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	626426	20.00	ng		0.00
75) Chrysene-d12	14.15	240	454330	20.00	ng		-0.01
86) Perylene-d12	15.68	264	499078	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	832521	79.65	ng		-0.02
7) Phenol-d6	6.62	99	990091	74.98	ng		0.00
23) Nitrobenzene-d5	7.54	82	1029112	84.91	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	304344	91.10	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1524156	75.06	ng		0.00
78) Terphenyl-d14	13.08	244	1451152	79.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	197165	36.450	ng		97
3) Pyridine	3.57	79	560121	37.158	ng		98
4) n-Nitrosodimethylamine	3.54	42	272703	39.490	ng		97
6) Aniline	6.64	93	683943	35.470	ng	#	79
8) 2-Chlorophenol	6.77	128	458339	40.778	ng		99
9) Benzaldehyde	6.52	77	388568	38.794	ng		99
10) Phenol	6.63	94	579746	40.216	ng	#	61
11) bis(2-Chloroethyl)ether	6.71	93	504832	40.907	ng		99
12) 1,3-Dichlorobenzene	6.91	146	530084	40.071	ng		98
13) 1,4-Dichlorobenzene	6.99	146	529202	39.421	ng		97
14) 1,2-Dichlorobenzene	7.14	146	490132	38.784	ng		98
15) Benzyl Alcohol	7.11	79	434183	38.394	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	525130	29.685	ng	#	42
17) 2-Methylphenol	7.23	107	427490	42.629	ng	#	92
18) Hexachloroethane	7.48	117	186371	38.963	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	334060	33.720	ng		94
20) 3+4-Methylphenols	7.38	107	457241	35.654	ng	#	82
22) Acetophenone	7.38	105	658161	36.629	ng		96
24) Nitrobenzene	7.55	77	534723	40.592	ng		96
25) Isophorone	7.79	82	931980	39.369	ng		98
26) 2-Nitrophenol	7.87	139	256865	50.236	ng		95
27) 2,4-Dimethylphenol	7.91	122	390557	38.971	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	604364	39.373	ng		99
29) 2,4-Dichlorophenol	8.12	162	402438	41.624	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	430784	39.737	ng		96
31) Naphthalene	8.28	128	1232435	38.237	ng		97
32) Benzoic acid	8.04	122	262410	37.398	ng		95
33) 4-Chloroaniline	8.32	127	563403	39.444	ng		98
34) Hexachlorobutadiene	8.38	225	283507	40.707	ng		100
35) Caprolactam	8.71	113	146902m	44.920	ng		
36) 4-Chloro-3-methylphenol	8.82	107	431842	40.378	ng		98
37) 2-Methylnaphthalene	8.97	142	844087	38.450	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	459325	40.751	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	97578	15.691	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	311257	43.332	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	336642	43.474	ng		95
45) 1,1'-Biphenyl	9.43	154	1016138	37.784	ng		98
46) 2-Chloronaphthalene	9.46	162	819746	38.089	ng		97
47) 2-Nitroaniline	9.55	65	312350	46.135	ng		91
48) Acenaphthylene	9.88	152	1275737	38.727	ng		96
49) Dimethylphthalate	9.73	163	1031335	41.575	ng	#	98
50) 2,6-Dinitrotoluene	9.80	165	226330	44.666	ng		98
51) Acenaphthene	10.05	154	806898	37.929	ng		98
52) 3-Nitroaniline	9.97	138	274646	45.667	ng		95
53) 2,4-Dinitrophenol	10.07	184	59292	31.356	ng	#	20
54) Dibenzofuran	10.22	168	1111092	38.785	ng		94
55) 4-Nitrophenol	10.15	139	192640	41.790	ng		96
56) 2,4-Dinitrotoluene	10.20	165	301956	47.454	ng	#	97
57) Fluorene	10.56	166	869379	38.303	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	263264	42.895	ng	#	83
59) Diethylphthalate	10.42	149	981128	39.848	ng		94
60) 4-Chlorophenyl-phenylether	10.55	204	464534	38.913	ng		93
61) 4-Nitroaniline	10.59	138	263118	44.967	ng		99
62) Azobenzene	10.71	77	939111	36.579	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	124198	38.228	ng		83
65) n-Nitrosodiphenylamine	10.67	169	882871	41.935	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	314074	44.081	ng	#	83
67) Hexachlorobenzene	11.11	284	321290	43.740	ng	#	87
68) Atrazine	11.20	200	289039	44.550	ng		96
69) Pentachlorophenol	11.31	266	165265	36.544	ng		99
70) Phenanthrene	11.53	178	1198622	39.070	ng		97
71) Anthracene	11.58	178	1216457	39.580	ng		97
72) Carbazole	11.74	167	1088747	38.371	ng		97
73) Di-n-butylphthalate	12.05	149	1367385	43.300	ng		97
74) Fluoranthene	12.72	202	1129451	34.522	ng		97
76) Benzidine	12.84	184	570998	37.763	ng		99
77) Pyrene	12.95	202	1128396	39.671	ng		97
79) Butylbenzylphthalate	13.55	149	501743	47.124	ng	#	95
80) Benzo(a)anthracene	14.14	228	1101682	40.747	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	417412	45.758	ng	#	96
82) Chrysene	14.18	228	1019245	41.290	ng		97
83) Bis(2-ethylhexyl)phthalate	14.11	149	640462	41.953	ng		99
84) Di-n-octyl phthalate	14.74	149	1099434	49.955	ng		99
85) Indeno(1,2,3-cd)pyrene	17.24	276	965375	49.002	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	1248205	41.374	ng		96
88) Benzo(k)fluoranthene	15.26	252	1082625	36.235	ng	#	96
89) Benzo(a)pyrene	15.61	252	1102914	40.645	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	827735	36.588	ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	732380	33.312	ng	#	93

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

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