Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106514.D
Acq On : 16 Jun 2018 2:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/18/2018 10:38:51 AM

Quant Time: Jun 16 04:20:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	94904	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	333138	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	130671	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	257013	20.00	ng		0.00
75) Chrysene-d12	14.15	240	261339	20.00	ng		0.00
86) Perylene-d12	15.68	264	187980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	478894	85.40	ng		0.00
7) Phenol-d6	6.61	99	531334	75.00	ng		0.00
23) Nitrobenzene-d5	7.53	82	493142	87.08	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	119203	94.81	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	762950	115.76	ng		0.00
78) Terphenyl-d14	13.08	244	867612	82.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	125370	43.202	ng		96
3) Pyridine	3.57	79	325928	40.303	ng		100
4) n-Nitrosodimethylamine	3.54	42	148662	40.127	ng		98
6) Aniline	6.63	93	369328	35.702	ng	#	83
8) 2-Chlorophenol	6.76	128	234625	38.910	ng		96
9) Benzaldehyde	6.52	77	206449	38.420	ng		94
10) Phenol	6.62	94	310583	40.159	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	256995	38.817	ng		98
12) 1,3-Dichlorobenzene	6.91	146	283159	39.898	ng		98
13) 1,4-Dichlorobenzene	6.98	146	287595	39.933	ng		99
14) 1,2-Dichlorobenzene	7.14	146	262834	38.768	ng		99
15) Benzyl Alcohol	7.11	79	215692	35.552	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	277312	29.220	ng		84
17) 2-Methylphenol	7.22	107	192661	35.811	ng		96
18) Hexachloroethane	7.48	117	70159	27.340	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	167841	31.579	ng		95
20) 3+4-Methylphenols	7.38	107	231092	33.589	ng	#	69
22) Acetophenone	7.37	105	324624	38.667	ng	#	93
24) Nitrobenzene	7.55	77	251853	40.919	ng		95
25) Isophorone	7.78	82	405293	36.642	ng		98
26) 2-Nitrophenol	7.87	139	61236	25.632	ng		98
27) 2,4-Dimethylphenol	7.90	122	178529	38.126	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	287611	40.102	ng		99
29) 2,4-Dichlorophenol	8.11	162	172886	38.271	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	201852	39.851	ng		97
31) Naphthalene	8.27	128	616775	40.956	ng		99
32) Benzoic acid	7.98	122	39601m	17.014	ng		
33) 4-Chloroaniline	8.32	127	251845	37.736	ng		98
34) Hexachlorobutadiene	8.38	225	132538	40.729	ng		100
35) Caprolactam	8.68	113	52847	34.586	ng		92
36) 4-Chloro-3-methylphenol	8.81	107	170855	34.191	ng		98
37) 2-Methylnaphthalene	8.97	142	378340	36.886	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	192275	45.327	ng	#	96
42) 2,4,6-Trichlorophenol	9.24	196	117148	43.335	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	123521	42.385	ng	#	93
45) 1,1'-Biphenyl	9.42	154	450397	44.501	ng		100
46) 2-Chloronaphthalene	9.45	162	341879	42.210	ng		97
47) 2-Nitroaniline	9.55	65	121506	47.687	ng		90
48) Acenaphthylene	9.87	152	528393	42.621	ng		99
49) Dimethylphthalate	9.72	163	407482	43.648	ng		100
50) 2,6-Dinitrotoluene	9.79	165	66358	34.798	ng		91
51) Acenaphthene	10.04	154	311647	38.925	ng		99
52) 3-Nitroaniline	9.96	138	108990	48.154	ng		97
53) 2,4-Dinitrophenol	10.07	184	110	8.726	ng	#	19
54) Dibenzofuran	10.21	168	447091	41.469	ng		98
55) 4-Nitrophenol	10.14	139	58842	33.918	ng		90
56) 2,4-Dinitrotoluene	10.19	165	76564	31.972	ng		99
57) Fluorene	10.56	166	344171	40.292	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	97773	42.330	ng	#	83
59) Diethylphthalate	10.42	149	378800	40.880	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	177792	39.573	ng	#	87
61) 4-Nitroaniline	10.57	138	112137	50.923	ng		99
62) Azobenzene	10.71	77	343933	35.596	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	1208	7.052	ng		99
65) n-Nitrosodiphenylamine	10.67	169	332032	38.439	ng		94
66) 4-Bromophenyl-phenylether	11.04	248	114687	39.233	ng	#	84
67) Hexachlorobenzene	11.11	284	123100	40.847	ng	#	85
68) Atrazine	11.18	200	83813	31.486	ng		98
69) Pentachlorophenol	11.30	266	44124	23.781	ng		98
70) Phenanthrene	11.52	178	520990	41.391	ng		99
71) Anthracene	11.58	178	529594	41.999	ng		99
72) Carbazole	11.73	167	495967	42.603	ng		100
73) Di-n-butylphthalate	12.05	149	542937	41.905	ng		100
74) Fluoranthene	12.72	202	625601	46.606	ng		97
76) Benzidine	12.84	184	342744	39.406	ng		99
77) Pyrene	12.95	202	655072	40.038	ng		98
79) Butylbenzylphthalate	13.55	149	267119	43.615	ng	#	97
80) Benzo(a)anthracene	14.14	228	615070	39.549	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	237385	45.240	ng	#	95
82) Chrysene	14.18	228	566933	39.927	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	354654	40.387	ng	#	99
84) Di-n-octyl phthalate	14.74	149	617505	48.777	ng		100
85) Indeno(1,2,3-cd)pyrene	17.25	276	393113	34.690	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	462528	40.704	ng	#	97
88) Benzo(k)fluoranthene	15.26	252	459062	40.792	ng	#	96
89) Benzo(a)pyrene	15.62	252	403333	39.462	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	334847	39.297	ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	328507	39.670	ng	#	92

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

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