Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107639.D
Acq On : 25 Jul 2018 1:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/25/2018 12:58:44 PM

Quant Time: Jul 25 04:41:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	205954	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	809861	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	316897	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	550489	20.00	ng		0.00
75) Chrysene-d12	14.15	240	417790	20.00	ng		-0.01
86) Perylene-d12	15.69	264	367805	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	976625	76.24	ng		0.00
7) Phenol-d6	6.61	99	1159288	75.37	ng		0.00
23) Nitrobenzene-d5	7.54	82	1072519	89.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	274647	76.21	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1866597	108.77	ng		-0.01
78) Terphenyl-d14	13.09	244	1452239	88.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	214444	35.967	ng		87
3) Pyridine	3.60	79	540567	33.327	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	219584m	32.099	ng		
6) Aniline	6.64	93	701257	35.349	ng	#	81
8) 2-Chlorophenol	6.76	128	541108	39.429	ng		96
9) Benzaldehyde	6.52	77	370312	39.855	ng		96
10) Phenol	6.62	94	636287	35.175	ng		89
11) bis(2-Chloroethyl)ether	6.70	93	467596	31.179	ng		90
12) 1,3-Dichlorobenzene	6.91	146	602971	38.752	ng		98
13) 1,4-Dichlorobenzene	6.99	146	643191	40.331	ng		99
14) 1,2-Dichlorobenzene	7.14	146	563968	39.406	ng		99
15) Benzyl Alcohol	7.11	79	404871	38.623	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	878308	34.715	ng		82
17) 2-Methylphenol	7.22	107	431103	36.959	ng	#	91
18) Hexachloroethane	7.48	117	160584	28.708	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	361052	36.336	ng		98
20) 3+4-Methylphenols	7.38	107	544976	39.347	ng	#	63
22) Acetophenone	7.38	105	728342	38.294	ng	#	86
24) Nitrobenzene	7.55	77	558429	40.629	ng		99
25) Isophorone	7.79	82	855471	33.388	ng		97
26) 2-Nitrophenol	7.87	139	260770	44.928	ng		97
27) 2,4-Dimethylphenol	7.90	122	392058	35.685	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	609350	35.586	ng		99
29) 2,4-Dichlorophenol	8.11	162	430218	38.311	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	478352	37.926	ng		98
31) Naphthalene	8.28	128	1330958	37.373	ng		99
32) Benzoic acid	8.01	122	172237	26.660	ng		92
33) 4-Chloroaniline	8.32	127	631501	40.570	ng		97
34) Hexachlorobutadiene	8.38	225	289392	38.614	ng		98
35) Caprolactam	8.70	113	121933	33.383	ng	#	82
36) 4-Chloro-3-methylphenol	8.81	107	448703	35.971	ng		100
37) 2-Methylnaphthalene	8.97	142	888762	36.014	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	448733	42.454	ng	#	98
40) Hexachlorocyclopentadiene	9.11	237	18322	3.410	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	272816	40.324	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	284573	40.245	ng		98
45) 1,1'-Biphenyl	9.43	154	1169875	42.378	ng		97
46) 2-Chloronaphthalene	9.46	162	873812	41.412	ng		99
47) 2-Nitroaniline	9.56	65	298860	48.583	ng		93
48) Acenaphthylene	9.88	152	1277898	40.315	ng		99
49) Dimethylphthalate	9.72	163	977474	40.927	ng		99
50) 2,6-Dinitrotoluene	9.80	165	196778	41.498	ng		94
51) Acenaphthene	10.05	154	752347	37.882	ng		99
52) 3-Nitroaniline	9.97	138	264438	45.840	ng		100
53) 2,4-Dinitrophenol	10.10	184	6555	12.236	ng	#	75
54) Dibenzofuran	10.22	168	1141792	39.051	ng		99
55) 4-Nitrophenol	10.14	139	119432	27.652	ng		91
56) 2,4-Dinitrotoluene	10.20	165	229595	40.112	ng	#	96
57) Fluorene	10.56	166	822824	39.447	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	218881	37.194	ng	#	85
59) Diethylphthalate	10.42	149	969298	38.860	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	455394	38.618	ng		94
61) 4-Nitroaniline	10.60	138	225616	46.551	ng		91
62) Azobenzene	10.71	77	827344	35.373	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	15287	13.393	ng		81
65) n-Nitrosodiphenylamine	10.67	169	791584	42.340	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	258655	39.915	ng	#	90
67) Hexachlorobenzene	11.11	284	274734	38.531	ng	#	85
68) Atrazine	11.20	200	203979	35.734	ng		95
69) Pentachlorophenol	11.31	266	168287	37.786	ng		99
70) Phenanthrene	11.53	178	1021930	38.095	ng		99
71) Anthracene	11.58	178	1087123	40.250	ng		100
72) Carbazole	11.74	167	1090280	38.819	ng		99
73) Di-n-butylphthalate	12.05	149	1307379	45.346	ng		100
74) Fluoranthene	12.72	202	1083913	37.654	ng		96
76) Benzidine	12.85	184	675197	56.119	ng		99
77) Pyrene	12.95	202	1114494	38.999	ng		98
79) Butylbenzylphthalate	13.56	149	528410	42.996	ng		87
80) Benzo(a)anthracene	14.15	228	924159	37.747	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	384419	57.297	ng	#	97
82) Chrysene	14.18	228	928708	39.488	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	681511	39.301	ng		100
84) Di-n-octyl phthalate	14.73	149	1170264	43.417	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	690927	34.663	ng		94
87) Benzo(b)fluoranthene	15.23	252	734418	36.485	ng		98
88) Benzo(k)fluoranthene	15.26	252	835245	42.352	ng		97
89) Benzo(a)pyrene	15.62	252	711854	38.660	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	588543	36.976	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	546467	34.806	ng	#	93

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

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