Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107555.D
Acq On : 21 Jul 2018 5:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 12:35:59 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/23/2018 5:44:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	241913	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	860428	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	310825	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	595547	20.00	ng		0.00
75) Chrysene-d12	14.17	240	622262	20.00	ng		0.00
86) Perylene-d12	15.69	264	487103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1242009	82.55	ng		0.00
7) Phenol-d6	6.61	99	1350945	74.78	ng		0.00
23) Nitrobenzene-d5	7.54	82	1168784	91.67	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	282860	80.03	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1868191	112.20	ng		0.00
78) Terphenyl-d14	13.10	244	1820421	74.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	276819	39.528	ng	#	84
3) Pyridine	3.60	79	710441	37.290	ng		87
4) n-Nitrosodimethylamine	3.57	42	281976	35.092	ng		95
6) Aniline	6.64	93	869254	37.305	ng	#	89
8) 2-Chlorophenol	6.77	128	625208	38.785	ng		98
9) Benzaldehyde	6.53	77	471704	44.660	ng		98
10) Phenol	6.62	94	770933	36.284	ng		97
11) bis(2-Chloroethyl)ether	6.71	93	594421	33.744	ng		89
12) 1,3-Dichlorobenzene	6.92	146	705719	38.614	ng		99
13) 1,4-Dichlorobenzene	7.00	146	742260	39.625	ng		100
14) 1,2-Dichlorobenzene	7.15	146	652052	38.788	ng		99
15) Benzyl Alcohol	7.12	79	467932	38.003	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1058809	35.629	ng		88
17) 2-Methylphenol	7.22	107	487585	35.588	ng		97
18) Hexachloroethane	7.48	117	207288	31.549	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	414163	35.486	ng		99
20) 3+4-Methylphenols	7.38	107	615404	37.827	ng	#	73
22) Acetophenone	7.38	105	807256	39.949	ng	#	89
24) Nitrobenzene	7.56	77	612363	41.935	ng		99
25) Isophorone	7.79	82	945308	34.726	ng		99
26) 2-Nitrophenol	7.87	139	267706	43.412	ng		95
27) 2,4-Dimethylphenol	7.91	122	436064	37.357	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	686481	37.735	ng		100
29) 2,4-Dichlorophenol	8.12	162	450076	37.724	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	508813	37.971	ng		99
31) Naphthalene	8.28	128	1421468	37.569	ng		99
32) Benzoic acid	8.01	122	211937	29.627	ng		98
33) 4-Chloroaniline	8.33	127	638892	38.633	ng		98
34) Hexachlorobutadiene	8.39	225	312059	39.191	ng		99
35) Caprolactam	8.69	113	136519m	35.180	ng		
36) 4-Chloro-3-methylphenol	8.81	107	429413	32.401	ng		98
37) 2-Methylnaphthalene	8.97	142	910410	34.723	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	435418	41.999	ng		97
40) Hexachlorocyclopentadiene	9.12	237	24480	4.645	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	263094	39.647	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	279828	40.347	ng		98
45) 1,1'-Biphenyl	9.44	154	1159010	42.805	ng		99
46) 2-Chloronaphthalene	9.47	162	845651	40.860	ng		97
47) 2-Nitroaniline	9.57	65	278743	46.198	ng		95
48) Acenaphthylene	9.88	152	1258183	40.469	ng		99
49) Dimethylphthalate	9.73	163	932683	39.814	ng		100
50) 2,6-Dinitrotoluene	9.80	165	187029	40.213	ng		95
51) Acenaphthene	10.05	154	740257	38.001	ng		99
52) 3-Nitroaniline	9.98	138	241674	42.713	ng		98
53) 2,4-Dinitrophenol	10.08	184	5845	11.886	ng	#	79
54) Dibenzofuran	10.22	168	1128616	39.355	ng		99
55) 4-Nitrophenol	10.14	139	150775	35.591	ng		92
56) 2,4-Dinitrotoluene	10.20	165	217032	38.658	ng	#	91
57) Fluorene	10.57	166	810545	39.617	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	222539	38.554	ng		88
59) Diethylphthalate	10.43	149	942653	38.530	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	433162	37.450	ng		96
61) 4-Nitroaniline	10.59	138	249686	52.523	ng		98
62) Azobenzene	10.72	77	854199	37.234	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	15522	13.103	ng		91
65) n-Nitrosodiphenylamine	10.68	169	760996	37.624	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	256136	36.536	ng	#	89
67) Hexachlorobenzene	11.12	284	278695	36.130	ng	#	84
68) Atrazine	11.20	200	208200	33.714	ng		95
69) Pentachlorophenol	11.31	266	182865	37.953	ng		98
70) Phenanthrene	11.54	178	1149229	39.600	ng		99
71) Anthracene	11.59	178	1175062	40.214	ng		99
72) Carbazole	11.75	167	1250160	41.143	ng		98
73) Di-n-butylphthalate	12.06	149	1404736	44.906	ng		100
74) Fluoranthene	12.73	202	1401890	45.016	ng		97
76) Benzidine	12.86	184	1024576	57.175	ng		99
77) Pyrene	12.96	202	1478794	34.743	ng		98
79) Butylbenzylphthalate	13.57	149	703979	38.459	ng		93
80) Benzo(a)anthracene	14.15	228	1367548	37.502	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	547924	53.520	ng		97
82) Chrysene	14.19	228	1300858	37.137	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	972162	37.640	ng		99
84) Di-n-octyl phthalate	14.74	149	1741257	43.373	ng		100
85) Indeno(1,2,3-cd)pyrene	17.27	276	950015m	32.000	ng		
87) Benzo(b)fluoranthene	15.24	252	1060006	39.762	ng		98
88) Benzo(k)fluoranthene	15.27	252	1032690	39.539	ng		97
89) Benzo(a)pyrene	15.63	252	924829	37.925	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	795531	37.740	ng		97
91) Benzo(g,h,i)perylene	17.75	276	765721	36.827	ng		95

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

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