Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101977.D
Acq On : 10 Jan 2018 13:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/11/2018 10:52:36 AM

Quant Time: Jan 11 02:42:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218882	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	913260	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	405270	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	707569	20.00	ng		0.00
75) Chrysene-d12	13.89	240	526446	20.00	ng		0.00
86) Perylene-d12	15.30	264	482873	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1131895	73.02	ng		0.02
7) Phenol-d6	6.37	99	1377924	74.51	ng		0.02
23) Nitrobenzene-d5	7.30	82	1247691	80.28	ng		0.01
41) 2,4,6-Tribromophenol	10.56	330	286636	81.05	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1993378	76.84	ng		0.00
78) Terphenyl-d14	12.84	244	1667438	65.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	288110	37.245	ng		95
3) Pyridine	3.12	79	787537	37.280	ng		93
4) n-Nitrosodimethylamine	3.08	42	327499	37.021	ng		94
6) Aniline	6.40	93	946511	36.316	ng		99
8) 2-Chlorophenol	6.52	128	580232	37.323	ng		98
9) Benzaldehyde	6.28	77	480203	37.396	ng		99
10) Phenol	6.39	94	764064	36.558	ng		78
11) bis(2-Chloroethyl)ether	6.47	93	597351	37.551	ng		94
12) 1,3-Dichlorobenzene	6.67	146	671133	37.450	ng		98
13) 1,4-Dichlorobenzene	6.75	146	674315	37.708	ng		99
14) 1,2-Dichlorobenzene	6.90	146	619764	37.444	ng		98
15) Benzyl Alcohol	6.88	79	495301	36.613	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1070345	36.500	ng		99
17) 2-Methylphenol	6.99	107	524125	37.373	ng		100
18) Hexachloroethane	7.25	117	247412	39.289	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	429225	35.416	ng		96
20) 3+4-Methylphenols	7.15	107	600143	35.641	ng	#	70
22) Acetophenone	7.15	105	794703	36.116	ng	#	91
24) Nitrobenzene	7.32	77	654224	39.176	ng		97
25) Isophorone	7.56	82	1150902	37.479	ng		100
26) 2-Nitrophenol	7.63	139	325969	46.636	ng		94
27) 2,4-Dimethylphenol	7.67	122	494972	37.918	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	702957	37.913	ng		99
29) 2,4-Dichlorophenol	7.87	162	477789	38.547	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	498410	38.443	ng		97
31) Naphthalene	8.04	128	1710063	37.473	ng		100
32) Benzoic acid	7.81	122	388850	39.283	ng		96
33) 4-Chloroaniline	8.09	127	735220	37.747	ng		97
34) Hexachlorobutadiene	8.15	225	266973	38.902	ng		99
35) Caprolactam	8.48	113	166894	39.221	ng	#	88
36) 4-Chloro-3-methylphenol	8.57	107	521252	38.418	ng		97
37) 2-Methylnaphthalene	8.73	142	1127229	37.522	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	440224	38.396	ng		99
40) Hexachlorocyclopentadiene	8.88	237	268143	42.764	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	318276	40.283	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	356165	39.884	ng		97
45) 1,1'-Biphenyl	9.19	154	1334390	37.251	ng		100
46) 2-Chloronaphthalene	9.22	162	1042813	37.541	ng		100
47) 2-Nitroaniline	9.32	65	367817	44.204	ng		93
48) Acenaphthylene	9.63	152	1628892	36.950	ng		99
49) Dimethylphthalate	9.50	163	1261752	38.810	ng		100
50) 2,6-Dinitrotoluene	9.56	165	281463	43.341	ng		95
51) Acenaphthene	9.80	154	958016	35.805	ng		100
52) 3-Nitroaniline	9.73	138	346577	42.286	ng		98
53) 2,4-Dinitrophenol	9.83	184	110404m	48.329	ng		
54) Dibenzofuran	9.97	168	1365448	37.183	ng		96
55) 4-Nitrophenol	9.89	139	263411	43.126	ng		93
56) 2,4-Dinitrotoluene	9.96	165	356496	43.798	ng		96
57) Fluorene	10.32	166	1002706	39.499	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	248306	39.057	ng		100
59) Diethylphthalate	10.20	149	1210538	37.432	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	425643	39.376	ng		96
61) 4-Nitroaniline	10.35	138	336293	43.235	ng		92
62) Azobenzene	10.47	77	1212952	37.698	ng		98
64) 4,6-Dinitro-2-methylphenol	10.37	198	179697	46.907	ng		94
65) n-Nitrosodiphenylamine	10.43	169	973422	36.739	ng		100
66) 4-Bromophenyl-phenylether	10.80	248	287398	38.462	ng		99
67) Hexachlorobenzene	10.86	284	307427	37.687	ng	#	89
68) Atrazine	10.96	200	300997	39.309	ng		98
69) Pentachlorophenol	11.05	266	189749	38.146	ng		98
70) Phenanthrene	11.27	178	1526191	36.926	ng		99
71) Anthracene	11.33	178	1560522	37.228	ng		100
72) Carbazole	11.49	167	1547776	37.566	ng		99
73) Di-n-butylphthalate	11.82	149	1883254	37.257	ng		99
74) Fluoranthene	12.46	202	1541727	37.913	ng		99
76) Benzidine	12.59	184	884577	34.796	ng		96
77) Pyrene	12.69	202	1575267	33.852	ng		99
79) Butylbenzylphthalate	13.32	149	821936	38.488	ng		99
80) Benzo(a)anthracene	13.88	228	1197002	35.637	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	493238	39.660	ng		99
82) Chrysene	13.92	228	1267942	36.202	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	918728	37.501	ng		100
84) Di-n-octyl phthalate	14.49	149	1702080	41.868	ng		97
85) Indeno(1,2,3-cd)pyrene	16.69	276	975383	38.263	ng		95
87) Benzo(b)fluoranthene	14.90	252	1212792	38.520	ng		98
88) Benzo(k)fluoranthene	14.93	252	1084944	35.721	ng		99
89) Benzo(a)pyrene	15.25	252	1079585	38.105	ng		98
90) Dibenzo(a,h)anthracene	16.71	278	788077	34.856	ng		97
91) Benzo(g,h,i)perylene	17.11	276	778249	34.171	ng		95

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

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