Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107580.D
Acq On : 23 Jul 2018 11:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/24/2018 5:25:32 PM

Quant Time: Jul 23 13:47:47 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	6.98	152	314970	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1275674	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	568159	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	1123016	20.00	ng		0.00
75) Chrysene-d12	14.17	240	762948	20.00	ng		0.00
86) Perylene-d12	15.69	264	699092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1446700	73.85	ng		0.00
7) Phenol-d6	6.61	99	1743332	74.11	ng		0.00
23) Nitrobenzene-d5	7.54	82	1655816	87.60	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	538519	83.35	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	2829595	85.40	ng		0.00
78) Terphenyl-d14	13.10	244	2595342	87.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	328077	35.981	ng	#	86
3) Pyridine	3.62	79	838159	33.789	ng		86
4) n-Nitrosodimethylamine	3.58	42	357270m	34.150	ng		
6) Aniline	6.64	93	1137049	37.479	ng	#	90
8) 2-Chlorophenol	6.77	128	815798	38.870	ng		97
9) Benzaldehyde	6.53	77	577703	40.965	ng		98
10) Phenol	6.62	94	994657	35.955	ng		91
11) bis(2-Chloroethyl)ether	6.71	93	868254m	37.857	ng		
12) 1,3-Dichlorobenzene	6.91	146	902132	37.911	ng		98
13) 1,4-Dichlorobenzene	6.99	146	949549	38.933	ng		98
14) 1,2-Dichlorobenzene	7.15	146	828501	37.853	ng		99
15) Benzyl Alcohol	7.12	79	645916	40.291	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1369249	35.388	ng		88
17) 2-Methylphenol	7.22	107	676153	37.904	ng		97
18) Hexachloroethane	7.48	117	326870	38.211	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	552941	36.387	ng		98
20) 3+4-Methylphenols	7.38	107	803095	37.914	ng	#	80
22) Acetophenone	7.38	105	1105932	36.915	ng	#	89
24) Nitrobenzene	7.56	77	896072	41.389	ng		99
25) Isophorone	7.80	82	1377412	34.128	ng		98
26) 2-Nitrophenol	7.87	139	468340	51.226	ng		95
27) 2,4-Dimethylphenol	7.91	122	629875	36.396	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	959935	35.590	ng		99
29) 2,4-Dichlorophenol	8.12	162	705502	39.885	ng		96
30) 1,2,4-Trichlorobenzene	8.20	180	747226	37.611	ng		99
31) Naphthalene	8.28	128	2084729	37.163	ng		98
32) Benzoic acid	7.98	122	109616m	15.479	ng		
33) 4-Chloroaniline	8.33	127	1007719	41.100	ng		97
34) Hexachlorobutadiene	8.39	225	446978	37.863	ng		98
35) Caprolactam	8.70	113	207074	35.991	ng	#	73
36) 4-Chloro-3-methylphenol	8.81	107	762156	38.789	ng		98
37) 2-Methylnaphthalene	8.97	142	1447136	37.228	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	738544	38.972	ng		98
40) Hexachlorocyclopentadiene	9.12	237	376642	39.098	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	483827	39.887	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	539719	42.573	ng		97
45) 1,1'-Biphenyl	9.44	154	1902878	38.447	ng		97
46) 2-Chloronaphthalene	9.47	162	1445548	38.211	ng		99
47) 2-Nitroaniline	9.57	65	520447	47.189	ng		92
48) Acenaphthylene	9.88	152	2171315	38.207	ng		96
49) Dimethylphthalate	9.74	163	1583307	36.976	ng		99
50) 2,6-Dinitrotoluene	9.80	165	368044	43.291	ng		93
51) Acenaphthene	10.05	154	1387237	38.960	ng		98
52) 3-Nitroaniline	9.98	138	446743	43.195	ng		98
53) 2,4-Dinitrophenol	10.08	184	107412	38.509	ng	#	28
54) Dibenzofuran	10.22	168	1982784	37.824	ng		96
55) 4-Nitrophenol	10.14	139	305052	39.394	ng		95
56) 2,4-Dinitrotoluene	10.21	165	464839	45.296	ng	#	96
57) Fluorene	10.57	166	1467990	39.253	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	422145	40.010	ng		88
59) Diethylphthalate	10.43	149	1618920	36.201	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	803427	38.001	ng		91
61) 4-Nitroaniline	10.60	138	428094	49.266	ng		93
62) Azobenzene	10.72	77	1532495	36.545	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	169758	34.330	ng		87
65) n-Nitrosodiphenylamine	10.68	169	1409580	36.958	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	489617	37.037	ng		92
67) Hexachlorobenzene	11.12	284	546784	37.591	ng	#	87
68) Atrazine	11.20	200	435820	37.425	ng		97
69) Pentachlorophenol	11.31	266	366955	40.389	ng		98
70) Phenanthrene	11.54	178	1995581	36.466	ng		98
71) Anthracene	11.59	178	2115964	38.402	ng		97
72) Carbazole	11.75	167	2166782	37.816	ng		97
73) Di-n-butylphthalate	12.06	149	2281372	36.615	ng		97
74) Fluoranthene	12.73	202	2109457	35.922	ng		96
76) Benzidine	12.85	184	1007339	45.847	ng		99
77) Pyrene	12.97	202	2151389	41.225	ng		99
79) Butylbenzylphthalate	13.57	149	957039	42.643	ng		95
80) Benzo(a)anthracene	14.15	228	1689428	37.786	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	619461	47.507	ng		98
82) Chrysene	14.19	228	1649564	38.408	ng		97
83) Bis(2-ethylhexyl)phthalate	14.12	149	1154374	36.454	ng		99
84) Di-n-octyl phthalate	14.74	149	1843429	37.451	ng		100
85) Indeno(1,2,3-cd)pyrene	17.28	276	1584577	43.532	ng		95
87) Benzo(b)fluoranthene	15.24	252	1402510	36.657	ng		98
88) Benzo(k)fluoranthene	15.27	252	1356277	36.182	ng		97
89) Benzo(a)pyrene	15.63	252	1328589	37.962	ng		100
90) Dibenzo(a,h)anthracene	17.29	278	1326004	43.830	ng		96
91) Benzo(g,h,i)perylene	17.75	276	1342902	45.001	ng		93

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

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