Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107410.D
Acq On : 16 Jul 2018 18:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/17/2018 4:52:58 PM

Quant Time: Jul 17 01:17:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 17:24:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136264	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	528694	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	274151	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	584146	20.00	ng		0.00
75) Chrysene-d12	14.17	240	491841	20.00	ng		0.01
86) Perylene-d12	15.70	264	382447	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	657005	73.23	ng		0.00
7) Phenol-d6	6.60	99	851103	73.37	ng		0.00
23) Nitrobenzene-d5	7.54	82	842260	84.95	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	177104	73.53	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1395624	84.86	ng		0.00
78) Terphenyl-d14	13.10	244	1462550	73.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	159966	36.114	ng		92
3) Pyridine	3.60	79	437509	36.620	ng		91
4) n-Nitrosodimethylamine	3.57	42	185111	37.733	ng	#	93
6) Aniline	6.64	93	577585	37.666	ng	#	88
8) 2-Chlorophenol	6.76	128	325517	35.875	ng		89
9) Benzaldehyde	6.53	77	348053	37.299	ng		84
10) Phenol	6.61	94	461552	37.113	ng		76
11) bis(2-Chloroethyl)ether	6.71	93	380103	37.453	ng		94
12) 1,3-Dichlorobenzene	6.92	146	406774	36.926	ng	#	89
13) 1,4-Dichlorobenzene	7.00	146	403376	36.939	ng	#	91
14) 1,2-Dichlorobenzene	7.15	146	371770m	36.386	ng		
15) Benzyl Alcohol	7.11	79	447000	38.370	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.25	45	391325	36.134	ng		79
17) 2-Methylphenol	7.21	107	315982	36.627	ng	#	87
18) Hexachloroethane	7.50	117	159408	39.233	ng		91
19) n-Nitroso-di-n-propylamine	7.39	70	306778	36.936	ng	#	95
20) 3+4-Methylphenols	7.37	107	402546	36.732	ng		89
22) Acetophenone	7.39	105	531876	36.615	ng	#	93
24) Nitrobenzene	7.56	77	453046	40.661	ng	#	88
25) Isophorone	7.80	82	710647	36.161	ng	#	94
26) 2-Nitrophenol	7.88	139	155038	40.933	ng	#	55
27) 2,4-Dimethylphenol	7.90	122	293341	37.140	ng	#	81
28) bis(2-Chloroethoxy)methane	8.01	93	449844	36.550	ng		98
29) 2,4-Dichlorophenol	8.11	162	306382	37.277	ng		86
30) 1,2,4-Trichlorobenzene	8.20	180	362993	36.471	ng		97
31) Naphthalene	8.28	128	924035	35.982	ng		96
32) Benzoic acid	8.00	122	165649	34.173	ng		88
33) 4-Chloroaniline	8.33	127	394223	35.446	ng	#	80
34) Hexachlorobutadiene	8.40	225	239247	35.924	ng		98
35) Caprolactam	8.70	113	93181	34.852	ng	#	84
36) 4-Chloro-3-methylphenol	8.80	107	409267	38.109	ng	#	82
37) 2-Methylnaphthalene	8.98	142	626180	36.992	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	389240	36.486	ng		98
40) Hexachlorocyclopentadiene	9.12	237	224255	40.246	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	251867	37.821	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	251472	39.473	ng		87
45) 1,1'-Biphenyl	9.44	154	851077	35.906	ng		98
46) 2-Chloronaphthalene	9.47	162	691369	36.930	ng		96
47) 2-Nitroaniline	9.56	65	244982	42.761	ng	#	76
48) Acenaphthylene	9.88	152	961314	36.795	ng		97
49) Dimethylphthalate	9.74	163	802121	36.825	ng	#	99
50) 2,6-Dinitrotoluene	9.80	165	169821	40.856	ng	#	65
51) Acenaphthene	10.06	154	631784	36.478	ng		96
52) 3-Nitroaniline	9.97	138	166775	38.200	ng	#	71
53) 2,4-Dinitrophenol	10.07	184	62167	42.326	ng	#	35
54) Dibenzofuran	10.23	168	985714	36.829	ng		96
55) 4-Nitrophenol	10.11	139	142336	40.290	ng	#	54
56) 2,4-Dinitrotoluene	10.20	165	229946	42.443	ng	#	73
57) Fluorene	10.57	166	657443	37.089	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	225815	36.592	ng	#	90
59) Diethylphthalate	10.44	149	796487	37.638	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	414432	39.251	ng		94
61) 4-Nitroaniline	10.59	138	167027	40.200	ng	#	52
62) Azobenzene	10.72	77	915030	36.821	ng		88
64) 4,6-Dinitro-2-methylphenol	10.61	198	126096	41.485	ng	#	75
65) n-Nitrosodiphenylamine	10.68	169	691822	37.498	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	251025	37.561	ng		94
67) Hexachlorobenzene	11.12	284	225460	36.445	ng	#	92
68) Atrazine	11.20	200	249902	35.844	ng		95
69) Pentachlorophenol	11.31	266	177825	38.897	ng		96
70) Phenanthrene	11.54	178	1051857	36.132	ng		99
71) Anthracene	11.59	178	1075493	37.092	ng		98
72) Carbazole	11.74	167	987490	35.973	ng		96
73) Di-n-butylphthalate	12.07	149	1165618	36.948	ng	#	97
74) Fluoranthene	12.73	202	1204432	36.401	ng		93
76) Benzidine	12.85	184	669476	35.073	ng	#	92
77) Pyrene	12.96	202	1230132	36.780	ng		98
79) Butylbenzylphthalate	13.58	149	482877	39.635	ng	#	84
80) Benzo(a)anthracene	14.16	228	1089149	36.192	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	391338	38.774	ng		97
82) Chrysene	14.19	228	1031598	35.885	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	667165	38.215	ng	#	94
84) Di-n-octyl phthalate	14.76	149	1037601	38.233	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	696088	34.018	ng	#	90
87) Benzo(b)fluoranthene	15.25	252	836881m	37.385	ng		
88) Benzo(k)fluoranthene	15.28	252	822871	37.667	ng	#	97
89) Benzo(a)pyrene	15.64	252	761646	37.070	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	574963	37.079	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	564663	35.837	ng	#	86

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

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