Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
Data File : BF111579.D
Acq On : 18 Dec 2018 15:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/19/2018 4:09:20 PM

Quant Time: Dec 19 00:05:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	185802	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	807875	20.00	ng		-0.02
39) Acenaphthene-d10	9.82	164	382815	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	661976	20.00	ng		-0.01
76) Chrysene-d12	13.94	240	446453	20.00	ng		0.00
87) Perylene-d12	15.38	264	336495	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	576163	51.60	ng		-0.01
7) Phenol-d6	6.43	99	1159173	78.05	ng		-0.01
23) Nitrobenzene-d5	7.35	82	1076442	79.34	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	250634	73.09	ng		-0.01
45) 2-Fluorobiphenyl	9.15	172	1977416	79.79	ng		-0.01
79) Terphenyl-d14	12.89	244	1639086	86.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	135639	25.152	ng	#	91
3) Pyridine	3.22	79	301365	22.251	ng		85
4) n-Nitrosodimethylamine	3.16	42	153089	24.884	ng		79
6) Aniline	6.45	93	703436	38.182	ng	#	57
8) 2-Chlorophenol	6.57	128	545754	40.908	ng		99
9) Benzaldehyde	6.33	77	313423	34.792	ng		97
10) Phenol	6.44	94	639846	38.673	ng	#	69
11) bis(2-Chloroethyl)ether	6.52	93	542571	41.833	ng		99
12) 1,3-Dichlorobenzene	6.72	146	587399	39.998	ng		98
13) 1,4-Dichlorobenzene	6.80	146	612309	41.077	ng		100
14) 1,2-Dichlorobenzene	6.95	146	556015	39.649	ng		98
15) Benzyl Alcohol	6.93	79	415517	36.768	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	972222	38.392	ng		90
17) 2-Methylphenol	7.05	107	417755	38.909	ng		96
18) Hexachloroethane	7.29	117	221492	39.927	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	369910	37.751	ng		98
20) 3+4-Methylphenols	7.20	107	515639	38.286	ng	#	85
22) Acetophenone	7.19	105	730763	40.521	ng	#	89
24) Nitrobenzene	7.36	77	536161	38.742	ng		96
25) Isophorone	7.60	82	900172	39.215	ng		99
26) 2-Nitrophenol	7.68	139	278378	38.787	ng		97
27) 2,4-Dimethylphenol	7.73	122	405487	38.971	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	635064	40.075	ng		99
29) 2,4-Dichlorophenol	7.93	162	428541	38.582	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	454464	39.085	ng		99
31) Naphthalene	8.09	128	1465095	38.773	ng		97
32) Benzoic acid	7.86	122	269555m	29.979	ng		
33) 4-Chloroaniline	8.14	127	638799	38.018	ng		96
34) Hexachlorobutadiene	8.21	225	256051	39.971	ng		99
35) Caprolactam	8.51	113	151836	36.819	ng		94
36) 4-Chloro-3-methylphenol	8.63	107	442271	36.175	ng		99
37) 2-Methylnaphthalene	8.78	142	952838	37.265	ng		98
38) 1-Methylnaphthalene	8.87	142	942054	38.137	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	419601	39.968	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	59594	11.056 ng		98
43) 2,4,6-Trichlorophenol	9.06	196	268813	36.178 ng		98
44) 2,4,5-Trichlorophenol	9.10	196	292505	36.994 ng		99
46) 1,1'-Biphenyl	9.25	154	1281036	39.494 ng		94
47) 2-Chloronaphthalene	9.27	162	985125	39.956 ng		95
48) 2-Nitroaniline	9.36	65	296042	36.980 ng		95
49) Acenaphthylene	9.68	152	1440772	39.368 ng		95
50) Dimethylphthalate	9.55	163	1070013	38.811 ng		98
51) 2,6-Dinitrotoluene	9.60	165	239339	38.568 ng		91
52) Acenaphthene	9.86	154	873332	37.755 ng		98
53) 3-Nitroaniline	9.77	138	276734	36.714 ng		97
54) 2,4-Dinitrophenol	9.88	184	38343	16.241 ng	#	78
55) Dibenzofuran	10.03	168	1306631	38.916 ng		96
56) 4-Nitrophenol	9.95	139	116692	22.370 ng		97
57) 2,4-Dinitrotoluene	10.01	165	308583	37.886 ng		98
58) Fluorene	10.37	166	950000	39.008 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	215835	34.938 ng		99
60) Diethylphthalate	10.25	149	1065640	38.159 ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	461851	38.762 ng		96
62) 4-Nitroaniline	10.39	138	277981	37.254 ng		94
63) Azobenzene	10.52	77	1038843	37.733 ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	111726	29.896 ng		85
66) n-Nitrosodiphenylamine	10.48	169	912691	39.981 ng		97
67) 4-Bromophenyl-phenylether	10.85	248	286938	40.217 ng		97
68) Hexachlorobenzene	10.92	284	293470	39.987 ng		99
69) Atrazine	11.01	200	256367	38.860 ng		96
70) Pentachlorophenol	11.12	266	156959	34.868 ng		98
71) Phenanthrene	11.33	178	1341529	39.329 ng		94
72) Anthracene	11.38	178	1423278	40.800 ng		96
73) Carbazole	11.54	167	1449352	40.178 ng		95
74) Di-n-butylphthalate	11.87	149	1621680	40.366 ng		96
75) Fluoranthene	12.52	202	1338928	40.124 ng		98
77) Benzidine	12.64	184	524953	31.987 ng		99
78) Pyrene	12.74	202	1379444	43.825 ng		96
80) Butylbenzylphthalate	13.36	149	626365	40.825 ng		93
81) Benzo(a)anthracene	13.93	228	922221	37.990 ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	381318	38.640 ng		96
83) Chrysene	13.97	228	1039187	40.636 ng		96
84) Bis(2-ethylhexyl)phthalate	13.93	149	749544	38.249 ng		99
85) Di-n-octyl phthalate	14.53	149	1107938	33.519 ng		97
86) Indeno(1,2,3-cd)pyrene	16.80	276	730577	39.584 ng		97
88) Benzo(b)fluoranthene	14.97	252	710424	36.213 ng		97
89) Benzo(k)fluoranthene	14.99	252	812658	43.352 ng		99
90) Benzo(a)pyrene	15.32	252	693181	39.183 ng		96
91) Dibenzo(a,h)anthracene	16.82	278	616657	44.188 ng		96
92) Benzo(g,h,i)perylene	17.22	276	623718	45.533 ng		96

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

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