Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111754.D
Acq On : 27 Dec 2018 11:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2018 10:37:17 AM

Quant Time: Dec 28 05:50:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	167969	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	625162	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	319698	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	593631	20.00	ng		0.01
76) Chrysene-d12	14.07	240	402002	20.00	ng		0.02
87) Perylene-d12	15.55	264	331527	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	769237	78.06	ng		0.02
7) Phenol-d6	6.55	99	982943	78.38	ng		0.02
23) Nitrobenzene-d5	7.47	82	946349	88.11	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	328282	86.91	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1758390	80.17	ng		0.00
79) Terphenyl-d14	13.02	244	1828951	86.28	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	162356	35.018	ng		95
3) Pyridine	3.47	79	441232	36.529	ng		96
4) n-Nitrosodimethylamine	3.42	42	221715	37.506	ng	#	83
6) Aniline	6.57	93	601155	37.605	ng		96
8) 2-Chlorophenol	6.70	128	440831	40.384	ng		96
9) Benzaldehyde	6.45	77	317039	36.757	ng		95
10) Phenol	6.56	94	540355	38.187	ng	#	67
11) bis(2-Chloroethyl)ether	6.64	93	415473	39.183	ng		99
12) 1,3-Dichlorobenzene	6.85	146	512098	40.480	ng		99
13) 1,4-Dichlorobenzene	6.92	146	518532	40.416	ng		98
14) 1,2-Dichlorobenzene	7.08	146	484821	40.503	ng		96
15) Benzyl Alcohol	7.05	79	400415	40.202	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	698034	35.744	ng		97
17) 2-Methylphenol	7.16	107	340927	39.004	ng	#	93
18) Hexachloroethane	7.42	117	183162	42.366	ng	#	84
19) n-Nitroso-di-n-propylamine	7.32	70	316097	37.953	ng		98
20) 3+4-Methylphenols	7.32	107	431462	39.066	ng		97
22) Acetophenone	7.31	105	621246	39.226	ng	#	97
24) Nitrobenzene	7.49	77	475635	42.254	ng		99
25) Isophorone	7.72	82	741322	38.880	ng		97
26) 2-Nitrophenol	7.80	139	240468	52.673	ng		94
27) 2,4-Dimethylphenol	7.85	122	343956	38.219	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	496546	39.135	ng		99
29) 2,4-Dichlorophenol	8.05	162	391151	40.409	ng		94
30) 1,2,4-Trichlorobenzene	8.13	180	437627	40.571	ng		98
31) Naphthalene	8.21	128	1205794	40.142	ng		97
32) Benzoic acid	7.95	122	211840m	35.601	ng		
33) 4-Chloroaniline	8.26	127	522222	40.223	ng		98
34) Hexachlorobutadiene	8.33	225	271691	41.327	ng		99
35) Caprolactam	8.63	113	127862m	38.982	ng		
36) 4-Chloro-3-methylphenol	8.74	107	390300	41.018	ng		98
37) 2-Methylnaphthalene	8.90	142	788370	40.340	ng		98
38) 1-Methylnaphthalene	9.00	142	760370	40.511	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	432594	41.179	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	237799	46.647	ng		100
43) 2,4,6-Trichlorophenol	9.18	196	287561	40.999	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	296278	41.176	ng		94
46) 1,1'-Biphenyl	9.36	154	1093916	40.534	ng		95
47) 2-Chloronaphthalene	9.39	162	854977	39.986	ng		94
48) 2-Nitroaniline	9.48	65	263022	47.285	ng		99
49) Acenaphthylene	9.81	152	1246570	39.930	ng		95
50) Dimethylphthalate	9.66	163	946912	40.503	ng		98
51) 2,6-Dinitrotoluene	9.72	165	216207	46.380	ng		92
52) Acenaphthene	9.98	154	787918	40.921	ng		99
53) 3-Nitroaniline	9.89	138	233040	46.874	ng		99
54) 2,4-Dinitrophenol	9.99	184	79151	55.382	ng		96
55) Dibenzofuran	10.15	168	1162034	39.947	ng		95
56) 4-Nitrophenol	10.06	139	169745	44.739	ng		90
57) 2,4-Dinitrotoluene	10.12	165	282021	50.337	ng	#	95
58) Fluorene	10.49	166	841192	40.130	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	245924	40.612	ng		90
60) Diethylphthalate	10.36	149	910265	39.693	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	473398	40.877	ng		95
62) 4-Nitroaniline	10.50	138	225571	46.682	ng		87
63) Azobenzene	10.64	77	902246	39.189	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	134670	53.930	ng		90
66) n-Nitrosodiphenylamine	10.60	169	808469	40.571	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	300510	40.814	ng	#	89
68) Hexachlorobenzene	11.05	284	336888	41.036	ng		96
69) Atrazine	11.13	200	277321	40.059	ng		96
70) Pentachlorophenol	11.24	266	198485	39.109	ng		98
71) Phenanthrene	11.46	178	1258856	39.986	ng		95
72) Anthracene	11.51	178	1263327	39.978	ng		95
73) Carbazole	11.66	167	1216946	39.666	ng		96
74) Di-n-butylphthalate	11.99	149	1355065	39.394	ng		96
75) Fluoranthene	12.64	202	1233285	38.685	ng		93
77) Benzidine	12.76	184	596690	39.445	ng		98
78) Pyrene	12.87	202	1246862	43.921	ng		96
80) Butylbenzylphthalate	13.48	149	492705	42.578	ng		93
81) Benzo(a)anthracene	14.06	228	946552	41.258	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	365788	40.354	ng	#	97
83) Chrysene	14.10	228	901080	39.962	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	627836	43.073	ng		97
85) Di-n-octyl phthalate	14.66	149	905442	40.093	ng		95
86) Indeno(1,2,3-cd)pyrene	17.06	276	789555	41.190	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	785684	40.550	ng	#	96
89) Benzo(k)fluoranthene	15.15	252	720105	39.038	ng	#	95
90) Benzo(a)pyrene	15.49	252	708279	40.236	ng	#	94
91) Dibenzo(a,h)anthracene	17.07	278	665909	43.200	ng	#	90
92) Benzo(g,h,i)perylene	17.52	276	645415	42.879	ng	#	87

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

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