Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
Data File : BF111582.D
Acq On : 18 Dec 2018 18:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/19/2018 4:09:30 PM

Quant Time: Dec 19 00:19:39 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	6.77	152	143655	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	532068	20.00	ng		-0.02
39) Acenaphthene-d10	9.82	164	251168	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	708392	20.00	ng		-0.02
76) Chrysene-d12	13.94	240	479520	20.00	ng		-0.01
87) Perylene-d12	15.37	264	309285	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	721803	83.61	ng		-0.01
7) Phenol-d6	6.43	99	920034	80.12	ng		-0.01
23) Nitrobenzene-d5	7.35	82	872103	97.61	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	205469	91.32	ng		-0.01
45) 2-Fluorobiphenyl	9.14	172	1435214	88.26	ng		-0.02
79) Terphenyl-d14	12.89	244	1723957	84.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	149283	35.804	ng	#	93
3) Pyridine	3.22	79	374141	35.729	ng		89
4) n-Nitrosodimethylamine	3.17	42	171768	36.112	ng		83
6) Aniline	6.44	93	553939	38.889	ng	#	30
8) 2-Chlorophenol	6.57	128	434413	42.115	ng		97
9) Benzaldehyde	6.32	77	248001	35.607	ng		96
10) Phenol	6.44	94	503519	39.362	ng	#	65
11) bis(2-Chloroethyl)ether	6.52	93	413846	41.270	ng		98
12) 1,3-Dichlorobenzene	6.72	146	466800	41.112	ng		100
13) 1,4-Dichlorobenzene	6.79	146	473366	41.073	ng		98
14) 1,2-Dichlorobenzene	6.95	146	416619	38.425	ng		97
15) Benzyl Alcohol	6.92	79	343453	39.308	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	787843	40.239	ng		93
17) 2-Methylphenol	7.05	107	316036	38.071	ng	#	91
18) Hexachloroethane	7.29	117	172391	40.193	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	304610	40.207	ng		96
20) 3+4-Methylphenols	7.20	107	411501	39.518	ng	#	77
22) Acetophenone	7.19	105	585465	49.292	ng	#	92
24) Nitrobenzene	7.36	77	430155	47.194	ng		94
25) Isophorone	7.60	82	702563	46.471	ng		99
26) 2-Nitrophenol	7.68	139	223585	47.301	ng		97
27) 2,4-Dimethylphenol	7.72	122	329220	48.043	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	486555	46.619	ng		97
29) 2,4-Dichlorophenol	7.93	162	343782	46.995	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	314755	41.102	ng		98
31) Naphthalene	8.09	128	978661	39.326	ng		96
32) Benzoic acid	7.86	122	199358m	33.666	ng		
33) 4-Chloroaniline	8.13	127	420790	38.025	ng		98
34) Hexachlorobutadiene	8.20	225	184684	43.774	ng		98
35) Caprolactam	8.51	113	94773m	34.895	ng		
36) 4-Chloro-3-methylphenol	8.63	107	305332	37.920	ng		98
37) 2-Methylnaphthalene	8.77	142	637257	37.842	ng		99
38) 1-Methylnaphthalene	8.87	142	636274	39.111	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	289019	41.959	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	51412	14.538	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	180819	37.091	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	195733	37.730	ng		96
46) 1,1'-Biphenyl	9.24	154	877503	41.232	ng		94
47) 2-Chloronaphthalene	9.26	162	669415	41.381	ng		97
48) 2-Nitroaniline	9.36	65	205129	39.054	ng		94
49) Acenaphthylene	9.68	152	992636	41.339	ng		95
50) Dimethylphthalate	9.55	163	737063	40.747	ng		98
51) 2,6-Dinitrotoluene	9.60	165	163664	40.197	ng		98
52) Acenaphthene	9.85	154	611885	40.317	ng		98
53) 3-Nitroaniline	9.77	138	183358	37.076	ng		97
54) 2,4-Dinitrophenol	9.88	184	26851	17.334	ng	#	76
55) Dibenzofuran	10.02	168	911418	41.373	ng		99
56) 4-Nitrophenol	9.95	139	81185	23.721	ng		96
57) 2,4-Dinitrotoluene	10.00	165	212590	39.781	ng		94
58) Fluorene	10.36	166	684088	42.813	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	157841	38.942	ng		98
60) Diethylphthalate	10.24	149	761957	41.585	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	341003	43.620	ng		98
62) 4-Nitroaniline	10.39	138	174087	35.559	ng		93
63) Azobenzene	10.52	77	740879	41.015	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	78030	19.511	ng		95
66) n-Nitrosodiphenylamine	10.47	169	636279	26.046	ng		97
67) 4-Bromophenyl-phenylether	10.85	248	250620	32.825	ng		98
68) Hexachlorobenzene	10.92	284	316062	40.243	ng		96
69) Atrazine	11.00	200	263929	37.384	ng		99
70) Pentachlorophenol	11.11	266	165595	34.376	ng		97
71) Phenanthrene	11.33	178	1421493	38.943	ng		94
72) Anthracene	11.37	178	1517126	40.641	ng		95
73) Carbazole	11.53	167	1521832	39.423	ng		96
74) Di-n-butylphthalate	11.86	149	1715460	39.902	ng		97
75) Fluoranthene	12.51	202	1425704	39.925	ng		99
77) Benzidine	12.63	184	478923	27.169	ng		99
78) Pyrene	12.74	202	1454009	43.008	ng		95
80) Butylbenzylphthalate	13.36	149	690917	41.927	ng		95
81) Benzo(a)anthracene	13.93	228	967126	37.092	ng		99
82) 3,3'-Dichlorobenzidine	13.89	252	393818	37.155	ng		98
83) Chrysene	13.96	228	1130938	41.175	ng		96
84) Bis(2-ethylhexyl)phthalate	13.92	149	893677	42.459	ng		99
85) Di-n-octyl phthalate	14.53	149	1408450	39.672	ng		96
86) Indeno(1,2,3-cd)pyrene	16.78	276	689930	34.804	ng		97
88) Benzo(b)fluoranthene	14.96	252	634030	35.162	ng		98
89) Benzo(k)fluoranthene	14.99	252	825759	47.927	ng		99
90) Benzo(a)pyrene	15.31	252	625875	38.491	ng		98
91) Dibenzo(a,h)anthracene	16.80	278	571982	44.593	ng		95
92) Benzo(g,h,i)perylene	17.21	276	595664	47.311	ng		95

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

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