Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\
Data File : BF111225.D
Acq On : 8 Dec 2018 13:01
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/10/2018 4:59:08 PM

Quant Time: Dec 10 00:40:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 00:12:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	540108	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2150709	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	988689	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1673136	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1159291	20.00	ng	0.00
87) Perylene-d12	15.39	264	1032618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2692373	77.84	ng	0.00
7) Phenol-d6	6.43	99	3415217	76.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	3036127	83.30	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	684172	86.07	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4480146	76.20	ng	0.00
79) Terphenyl-d14	12.90	244	3800817	68.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	683273	34.991	ng	100
3) Pyridine	3.25	79	1826459	41.138	ng	100
4) n-Nitrosodimethylamine	3.19	42	780712	36.473	ng	100
6) Aniline	6.46	93	2293565	38.696	ng	100
8) 2-Chlorophenol	6.59	128	1553885	39.041	ng	100
9) Benzaldehyde	6.35	77	1001080	40.490	ng	100
10) Phenol	6.45	94	1982598	40.492	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	1549642	39.047	ng	100
12) 1,3-Dichlorobenzene	6.75	146	1639854	38.659	ng	100
13) 1,4-Dichlorobenzene	6.82	146	1678556	39.291	ng	100
14) 1,2-Dichlorobenzene	6.97	146	1530367	38.661	ng	100
15) Benzyl Alcohol	6.95	79	1326966	37.854	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2883807	37.655	ng	100
17) 2-Methylphenol	7.06	107	1279893	39.140	ng	100
18) Hexachloroethane	7.32	117	636203	39.825	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	1104252	37.132	ng	100
20) 3+4-Methylphenols	7.21	107	1458576	36.856	ng	100
22) Acetophenone	7.21	105	1916316	37.106	ng	100
24) Nitrobenzene	7.38	77	1614247	41.233	ng	100
25) Isophorone	7.63	82	2595065	38.947	ng	100
26) 2-Nitrophenol	7.70	139	830984	48.983	ng	100
27) 2,4-Dimethylphenol	7.74	122	1217374	39.142	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	1779196	39.424	ng	100
29) 2,4-Dichlorophenol	7.94	162	1226772	40.070	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	1235379	39.935	ng	100
31) Naphthalene	8.11	128	3800963	40.549	ng	100
32) Benzoic acid	7.86	122	1107724m	52.078	ng	
33) 4-Chloroaniline	8.15	127	1787030	39.563	ng	100
34) Hexachlorobutadiene	8.23	225	670012	39.909	ng	100
35) Caprolactam	8.53	113	444841	39.501	ng	100
36) 4-Chloro-3-methylphenol	8.63	107	1298863	38.942	ng	100
37) 2-Methylnaphthalene	8.80	142	2484474	38.618	ng	100
38) 1-Methylnaphthalene	8.90	142	2390384	38.595	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1039678	39.403	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	623282	44.319	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	809864	41.837	ng	100
44) 2,4,5-Trichlorophenol	9.11	196	839421	42.668	ng	100
46) 1,1'-Biphenyl	9.26	154	3150396	39.002	ng	100
47) 2-Chloronaphthalene	9.29	162	2460246	39.150	ng	100
48) 2-Nitroaniline	9.37	65	883760	42.989	ng	100
49) Acenaphthylene	9.70	152	3567231	40.593	ng	100
50) Dimethylphthalate	9.56	163	2688732	39.139	ng	100
51) 2,6-Dinitrotoluene	9.62	165	649317	44.225	ng	100
52) Acenaphthene	9.87	154	2296534	39.456	ng	100
53) 3-Nitroaniline	9.79	138	804448	43.611	ng	100
54) 2,4-Dinitrophenol	9.89	184	261770	60.078	ng	100
55) Dibenzofuran	10.05	168	3231784	40.428	ng	100
56) 4-Nitrophenol	9.94	139	640687	45.835	ng	100
57) 2,4-Dinitrotoluene	10.02	165	832871	43.681	ng	100
58) Fluorene	10.39	166	2222561	39.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	648995	44.101	ng	100
60) Diethylphthalate	10.26	149	2736901	39.801	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	1115544	40.245	ng	100
62) 4-Nitroaniline	10.40	138	762311	45.350	ng	100
63) Azobenzene	10.54	77	2820000	38.682	ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	398836	53.839	ng	100
66) n-Nitrosodiphenylamine	10.50	169	2279365	38.959	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	722374	40.586	ng	100
68) Hexachlorobenzene	10.94	284	738434	40.539	ng	100
69) Atrazine	11.02	200	681723	42.817	ng	100
70) Pentachlorophenol	11.12	266	553145	45.695	ng	100
71) Phenanthrene	11.35	178	3229774	40.167	ng	100
72) Anthracene	11.40	178	3271397	40.350	ng	100
73) Carbazole	11.55	167	3430467	40.601	ng	100
74) Di-n-butylphthalate	11.89	149	3906931	39.533	ng	100
75) Fluoranthene	12.53	202	3273841	41.462	ng	100
77) Benzidine	12.65	184	1443666	36.713	ng	100
78) Pyrene	12.76	202	3350129	37.484	ng	100
80) Butylbenzylphthalate	13.38	149	1737770	40.140	ng	100
81) Benzo(a)anthracene	13.95	228	2550615	37.920	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	1083602	42.170	ng	100
83) Chrysene	13.98	228	2667969	39.635	ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	2030108	38.984	ng	100
85) Di-n-octyl phthalate	14.56	149	3495054	42.038	ng	100
86) Indeno(1,2,3-cd)pyrene	16.80	276	2165433	39.875	ng	100
88) Benzo(b)fluoranthene	14.98	252	2398952	41.014	ng	100
89) Benzo(k)fluoranthene	15.01	252	2187287	38.848	ng	100
90) Benzo(a)pyrene	15.33	252	2149778	40.117	ng	100
91) Dibenzo(a,h)anthracene	16.82	278	1801243	40.107	ng	100
92) Benzo(g,h,i)perylene	17.23	276	1816089	40.231	ng	100

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

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