Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111309.D
Acq On : 12 Dec 2018 7:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/12/2018 5:30:35 PM

Quant Time: Dec 12 07:48:14 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 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	242635	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	992809	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	424623	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	616729	20.00	ng	0.00
76) Chrysene-d12	13.96	240	496629	20.00	ng	0.00
87) Perylene-d12	15.39	264	365984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1248803	81.27	ng	0.00
7) Phenol-d6	6.43	99	1588197	83.17	ng	0.00
23) Nitrobenzene-d5	7.36	82	1431566	80.88	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	247787	65.88	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2329022	100.92	ng	0.00
79) Terphenyl-d14	12.90	244	1579073	76.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	296727	37.637	ng	98
3) Pyridine	3.22	79	766968	36.618	ng	99
4) n-Nitrosodimethylamine	3.15	42	350481	39.247	ng	93
6) Aniline	6.46	93	928371	36.463	ng	98
8) 2-Chlorophenol	6.59	128	722358	41.358	ng	94
9) Benzaldehyde	6.35	77	481176	44.350	ng	96
10) Phenol	6.45	94	896171	40.136	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	691457	40.041	ng	98
12) 1,3-Dichlorobenzene	6.74	146	778231	41.469	ng	99
13) 1,4-Dichlorobenzene	6.82	146	789925	41.686	ng	98
14) 1,2-Dichlorobenzene	6.97	146	737076	41.704	ng	98
15) Benzyl Alcohol	6.94	79	598361	39.596	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1324685	40.973	ng	99
17) 2-Methylphenol	7.05	107	566120	39.701	ng	99
18) Hexachloroethane	7.32	117	249721	34.613	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	498496	38.970	ng	98
20) 3+4-Methylphenols	7.20	107	687107	40.511	ng	91
22) Acetophenone	7.20	105	916773	40.357	ng	98
24) Nitrobenzene	7.38	77	736931	40.001	ng	94
25) Isophorone	7.62	82	1162908	38.573	ng	99
26) 2-Nitrophenol	7.69	139	273016	29.827	ng	99
27) 2,4-Dimethylphenol	7.73	122	548091	38.751	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	809003	38.751	ng	97
29) 2,4-Dichlorophenol	7.94	162	543867	37.606	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	575702	40.412	ng	99
31) Naphthalene	8.10	128	1861395	42.958	ng	98
32) Benzoic acid	7.83	122	309317m	26.446	ng	
33) 4-Chloroaniline	8.15	127	764909	36.754	ng	99
34) Hexachlorobutadiene	8.23	225	315415	40.110	ng	99
35) Caprolactam	8.52	113	188148	36.713	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	566437	38.253	ng	98
37) 2-Methylnaphthalene	8.79	142	1170093	40.674	ng	99
38) 1-Methylnaphthalene	8.89	142	1113553	39.527	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	502075	42.494	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	42890	6.374	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	320749	36.165	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	323841	35.052	ng		96
46) 1,1'-Biphenyl	9.26	154	1516849	45.399	ng		96
47) 2-Chloronaphthalene	9.28	162	1150098	41.394	ng		98
48) 2-Nitroaniline	9.37	65	377580	39.838	ng		91
49) Acenaphthylene	9.70	152	1637718	40.603	ng		96
50) Dimethylphthalate	9.56	163	1270706	40.558	ng		98
51) 2,6-Dinitrotoluene	9.62	165	262874	37.992	ng		95
52) Acenaphthene	9.87	154	962995	38.045	ng		99
53) 3-Nitroaniline	9.78	138	347130	40.646	ng		99
54) 2,4-Dinitrophenol	9.89	184	4135	1.512	ng	#	34
55) Dibenzofuran	10.04	168	1472405	42.758	ng		96
56) 4-Nitrophenol	9.94	139	190357	28.619	ng		99
57) 2,4-Dinitrotoluene	10.02	165	309241	36.254	ng		98
58) Fluorene	10.38	166	989380	37.128	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	228403	32.615	ng		100
60) Diethylphthalate	10.26	149	1247481	41.764	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	508580	38.439	ng		98
62) 4-Nitroaniline	10.39	138	299393	37.050	ng		99
63) Azobenzene	10.53	77	1180630	38.070	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	11061	3.956	ng		98
66) n-Nitrosodiphenylamine	10.49	169	986332	46.982	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	300651	44.508	ng		95
68) Hexachlorobenzene	10.93	284	287860	41.892	ng		91
69) Atrazine	11.02	200	257933	40.403	ng		96
70) Pentachlorophenol	11.12	266	167958	33.694	ng		94
71) Phenanthrene	11.35	178	1307292	42.025	ng		94
72) Anthracene	11.39	178	1307345	40.171	ng		95
73) Carbazole	11.55	167	1344835	39.519	ng		95
74) Di-n-butylphthalate	11.89	149	1667520	47.674	ng	#	96
75) Fluoranthene	12.53	202	1252003	44.059	ng		98
77) Benzidine	12.65	184	435754	29.551	ng		97
78) Pyrene	12.76	202	1296475	36.531	ng		97
80) Butylbenzylphthalate	13.38	149	661439	35.682	ng		95
81) Benzo(a)anthracene	13.94	228	1106865	39.949	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	471848	41.550	ng		96
83) Chrysene	13.99	228	1144676	40.075	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	860138	39.050	ng		98
85) Di-n-octyl phthalate	14.56	149	1633833	44.254	ng		99
86) Indeno(1,2,3-cd)pyrene	16.81	276	691702	30.000	ng		98
88) Benzo(b)fluoranthene	14.98	252	899322	44.434	ng		99
89) Benzo(k)fluoranthene	15.01	252	924186	48.567	ng		99
90) Benzo(a)pyrene	15.33	252	787681	42.262	ng		97
91) Dibenzo(a,h)anthracene	16.82	278	588615	40.208	ng		97
92) Benzo(g,h,i)perylene	17.23	276	574543	39.206	ng		97

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

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