Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108038.D
Acq On : 8 Aug 2018 23:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:48 PM

Quant Time: Aug 09 08:14:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	293689	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1162220	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	615505	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1233469	20.00	ng		0.00
75) Chrysene-d12	14.21	240	981748	20.00	ng		0.00
86) Perylene-d12	15.77	264	838739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1302922	80.32	ng		0.00
7) Phenol-d6	6.63	99	1743915	80.90	ng		0.00
23) Nitrobenzene-d5	7.58	82	1700336	81.64	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	511896	83.38	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2916445	76.07	ng		0.00
78) Terphenyl-d14	13.15	244	3001168	77.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	336084	40.320	ng		88
3) Pyridine	3.68	79	881881	41.072	ng	#	85
4) n-Nitrosodimethylamine	3.65	42	491185	40.654	ng		81
6) Aniline	6.68	93	1201591	40.980	ng		95
8) 2-Chlorophenol	6.80	128	740697	40.541	ng		98
9) Benzaldehyde	6.57	77	663799	39.717	ng		99
10) Phenol	6.64	94	888647	39.853	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	720222	39.953	ng		92
12) 1,3-Dichlorobenzene	6.95	146	845953	40.045	ng		96
13) 1,4-Dichlorobenzene	7.03	146	844814	39.803	ng		98
14) 1,2-Dichlorobenzene	7.19	146	792094	40.121	ng		97
15) Benzyl Alcohol	7.15	79	736195	40.568	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1465591	39.465	ng		97
17) 2-Methylphenol	7.25	107	636607	40.632	ng	#	94
18) Hexachloroethane	7.53	117	302625	40.049	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	579811	39.775	ng	#	85
20) 3+4-Methylphenols	7.41	107	816759	40.680	ng		91
22) Acetophenone	7.42	105	1087436	40.015	ng	#	93
24) Nitrobenzene	7.60	77	865067	41.074	ng		93
25) Isophorone	7.84	82	1577131	39.728	ng		98
26) 2-Nitrophenol	7.91	139	329736	41.457	ng		91
27) 2,4-Dimethylphenol	7.94	122	712913	40.462	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	913136	39.402	ng		99
29) 2,4-Dichlorophenol	8.15	162	666007	41.075	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	713451	39.909	ng		98
31) Naphthalene	8.32	128	2089722	39.537	ng		98
32) Benzoic acid	8.04	122	372647	37.885	ng		90
33) 4-Chloroaniline	8.37	127	922491	40.049	ng		96
34) Hexachlorobutadiene	8.43	225	450145	39.776	ng		99
35) Caprolactam	8.74	113	218726	43.046	ng	#	80
36) 4-Chloro-3-methylphenol	8.84	107	712414	40.728	ng		98
37) 2-Methylnaphthalene	9.01	142	1497384	40.042	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	747910	39.569	ng		98
40) Hexachlorocyclopentadiene	9.17	237	498157	40.803	ng		98

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42) 2,4,6-Trichlorophenol	9.28	196	480733	40.985	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	550272	42.617	ng		95
45) 1,1'-Biphenyl	9.48	154	1769279	38.987	ng		97
46) 2-Chloronaphthalene	9.51	162	1418123	39.538	ng		99
47) 2-Nitroaniline	9.60	65	500748	43.148	ng		88
48) Acenaphthylene	9.93	152	2232654	39.374	ng		96
49) Dimethylphthalate	9.78	163	1688108	39.373	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	374179	41.713	ng		91
51) Acenaphthene	10.10	154	1375219	39.596	ng		98
52) 3-Nitroaniline	10.01	138	417976	42.587	ng		92
53) 2,4-Dinitrophenol	10.11	184	122120	40.205	ng	#	26
54) Dibenzofuran	10.27	168	1960071	38.954	ng		92
55) 4-Nitrophenol	10.15	139	308855	41.557	ng	#	78
56) 2,4-Dinitrotoluene	10.25	165	501423	43.426	ng	#	98
57) Fluorene	10.62	166	1561294	39.197	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	457914	42.431	ng	#	87
59) Diethylphthalate	10.48	149	1653428	39.825	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	806943	38.879	ng		96
61) 4-Nitroaniline	10.63	138	420543	43.339	ng		87
62) Azobenzene	10.77	77	1698237	39.608	ng		90
64) 4,6-Dinitro-2-methylphenol	10.65	198	181054	40.091	ng		91
65) n-Nitrosodiphenylamine	10.72	169	1440828	39.529	ng		99
66) 4-Bromophenyl-phenylether	11.10	248	539277	40.231	ng		92
67) Hexachlorobenzene	11.17	284	557076	39.499	ng	#	86
68) Atrazine	11.25	200	500758	40.960	ng		95
69) Pentachlorophenol	11.35	266	280156	41.501	ng		97
70) Phenanthrene	11.58	178	2257026	38.795	ng		96
71) Anthracene	11.64	178	2311050	38.757	ng		94
72) Carbazole	11.79	167	2091613	39.480	ng		96
73) Di-n-butylphthalate	12.11	149	2391947	39.861	ng	#	96
74) Fluoranthene	12.78	202	2503247	39.425	ng		94
76) Benzidine	12.90	184	1582745	43.149	ng		95
77) Pyrene	13.01	202	2506641	40.329	ng		94
79) Butylbenzylphthalate	13.62	149	1054343	42.719	ng	#	94
80) Benzo(a)anthracene	14.20	228	2283198	40.524	ng		95
81) 3,3'-Dichlorobenzidine	14.16	252	861584	42.670	ng	#	97
82) Chrysene	14.24	228	2041451	39.521	ng		93
83) Bis(2-ethylhexyl)phthalate	14.17	149	1388414	41.542	ng		98
84) Di-n-octyl phthalate	14.80	149	2124804	41.686	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.39	276	1770199	39.552	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1998035m	39.867	ng		
88) Benzo(k)fluoranthene	15.34	252	1871402	40.620	ng	#	96
89) Benzo(a)pyrene	15.71	252	1798709	40.079	ng		96
90) Dibenzo(a,h)anthracene	17.41	278	1494918	40.258	ng	#	94
91) Benzo(g,h,i)perylene	17.88	276	1463446	40.023	ng	#	90

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

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