Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110207.D
Acq On : 26 Oct 2018 14:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
10/29/2018 11:56:37 AM

Quant Time: Oct 26 17:20:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	119110	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	499254	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	241393	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	454158	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	346900	20.00	ng		0.00
87) Perylene-d12	15.68	264	258474	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	576161	78.77	ng		-0.01
7) Phenol-d6	6.59	99	736487	78.72	ng		-0.01
23) Nitrobenzene-d5	7.53	82	679912	80.78	ng		-0.02
42) 2,4,6-Tribromophenol	10.81	330	191759	80.20	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1235407	80.36	ng		-0.01
79) Terphenyl-d14	13.09	244	1312164	78.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	146331	38.185	ng		92
3) Pyridine	3.60	79	331657	38.857	ng		89
4) n-Nitrosodimethylamine	3.56	42	139785	39.090	ng	#	92
6) Aniline	6.63	93	481263	39.489	ng	#	53
8) 2-Chlorophenol	6.75	128	336589	39.915	ng		95
9) Benzaldehyde	6.52	77	207199	37.444	ng		96
10) Phenol	6.60	94	391660	39.164	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	317712	38.616	ng		97
12) 1,3-Dichlorobenzene	6.91	146	367049	39.552	ng		98
13) 1,4-Dichlorobenzene	6.99	146	369447	39.363	ng		98
14) 1,2-Dichlorobenzene	7.14	146	345351	39.637	ng		99
15) Benzyl Alcohol	7.10	79	294101	40.873	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	517644	39.350	ng		68
17) 2-Methylphenol	7.21	107	263154	39.156	ng	#	82
18) Hexachloroethane	7.48	117	137703	40.074	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	232647	38.762	ng		94
20) 3+4-Methylphenols	7.37	107	343263	39.514	ng		94
22) Acetophenone	7.38	105	455714	39.614	ng		98
24) Nitrobenzene	7.55	77	354093	40.746	ng		96
25) Isophorone	7.79	82	556618	38.794	ng		97
26) 2-Nitrophenol	7.87	139	178091	43.065	ng		92
27) 2,4-Dimethylphenol	7.89	122	271006	39.527	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	379661	38.951	ng		99
29) 2,4-Dichlorophenol	8.10	162	279238	40.313	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	309162	39.847	ng		95
31) Naphthalene	8.27	128	913705	39.709	ng		99
32) Benzoic acid	8.02	122	213215m	40.236	ng		
33) 4-Chloroaniline	8.32	127	410426	39.632	ng		98
34) Hexachlorobutadiene	8.39	225	174034	40.398	ng		100
35) Caprolactam	8.70	113	96983	40.171	ng	#	88
36) 4-Chloro-3-methylphenol	8.80	107	296595	39.597	ng		94
37) 2-Methylnaphthalene	8.97	142	607382	39.896	ng		98
38) 1-Methylnaphthalene	9.07	142	575619	39.125	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	295139	39.240	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	147889	38.454	ng		98
43) 2,4,6-Trichlorophenol	9.24	196	194098	40.011	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	203408	39.667	ng		95
46) 1,1'-Biphenyl	9.43	154	856627	39.243	ng		99
47) 2-Chloronaphthalene	9.46	162	626672	39.137	ng		99
48) 2-Nitroaniline	9.55	65	200376	41.296	ng		98
49) Acenaphthylene	9.87	152	909291	39.317	ng		98
50) Dimethylphthalate	9.73	163	693406	38.914	ng		99
51) 2,6-Dinitrotoluene	9.79	165	160492	41.813	ng		97
52) Acenaphthene	10.05	154	604911	39.537	ng		97
53) 3-Nitroaniline	9.97	138	182787	40.046	ng		90
54) 2,4-Dinitrophenol	10.07	184	58916	41.349	ng	#	81
55) Dibenzofuran	10.22	168	839939	39.211	ng		96
56) 4-Nitrophenol	10.12	139	138117	40.884	ng		95
57) 2,4-Dinitrotoluene	10.20	165	209026	42.874	ng		90
58) Fluorene	10.56	166	622202	39.028	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	164779	39.424	ng		94
60) Diethylphthalate	10.43	149	682721	39.250	ng		98
61) 4-Chlorophenyl-phenylether	10.55	204	329718	39.204	ng		99
62) 4-Nitroaniline	10.59	138	184226	40.580	ng		90
63) Azobenzene	10.71	77	679686	39.366	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	87827	42.328	ng		89
66) n-Nitrosodiphenylamine	10.67	169	584928	39.266	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	198004	40.193	ng		96
68) Hexachlorobenzene	11.12	284	208183	39.829	ng		99
69) Atrazine	11.19	200	192086	40.804	ng		99
70) Pentachlorophenol	11.30	266	130495	42.815	ng		97
71) Phenanthrene	11.53	178	931908	39.216	ng		99
72) Anthracene	11.59	178	945170	39.681	ng		99
73) Carbazole	11.74	167	932033	40.076	ng		99
74) Di-n-butylphthalate	12.05	149	1075088	40.930	ng		99
75) Fluoranthene	12.72	202	967156	40.102	ng		99
77) Benzidine	12.84	184	466154	51.455	ng		97
78) Pyrene	12.96	202	993573	39.951	ng		99
80) Butylbenzylphthalate	13.56	149	447293	41.437	ng		99
81) Benzo(a)anthracene	14.14	228	815928	39.662	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	287616	40.150	ng		98
83) Chrysene	14.18	228	771406	39.480	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	575103	39.412	ng		97
85) Di-n-octyl phthalate	14.73	149	903003	39.798	ng		99
86) Indeno(1,2,3-cd)pyrene	17.25	276	521644	32.181	ng		97
88) Benzo(b)fluoranthene	15.23	252	608518	40.769	ng		100
89) Benzo(k)fluoranthene	15.26	252	607610m	41.408	ng		
90) Benzo(a)pyrene	15.62	252	545179	39.695	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	432181	36.469	ng		98
92) Benzo(g,h,i)perylene	17.73	276	426303	36.505	ng		96

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

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