Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109209.D
Acq On : 22 Sep 2018 9:42
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:26 AM

Quant Time: Sep 22 11:23:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 11:08:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99646	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	402774	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	194024	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	389458	20.00	ng		0.00
75) Chrysene-d12	13.84	240	342191	20.00	ng		0.00
86) Perylene-d12	15.23	264	335013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	129575	21.60	ng		0.00
7) Phenol-d6	6.33	99	164153	21.22	ng		-0.01
23) Nitrobenzene-d5	7.26	82	134252	18.70	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	39755	18.88	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	308481	24.91	ng		0.00
78) Terphenyl-d14	12.79	244	286252	19.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	29107	10.192	ng		91
3) Pyridine	3.09	79	64494	8.519	ng		94
4) n-Nitrosodimethylamine	2.99	42	29661	10.374	ng		98
6) Aniline	6.36	93	105788	10.580	ng		97
8) 2-Chlorophenol	6.49	128	72075	10.735	ng		94
9) Benzaldehyde	6.25	77	59081	11.958	ng		96
10) Phenol	6.35	94	94132	10.814	ng		99
11) bis(2-Chloroethyl)ether	6.43	93	72675	10.612	ng		98
12) 1,3-Dichlorobenzene	6.65	146	82737	10.775	ng		100
13) 1,4-Dichlorobenzene	6.72	146	82633	10.727	ng		98
14) 1,2-Dichlorobenzene	6.87	146	78804	11.035	ng		99
15) Benzyl Alcohol	6.85	79	61648	10.497	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	102906	10.488	ng		97
17) 2-Methylphenol	6.96	107	57712	10.536	ng		97
18) Hexachloroethane	7.22	117	28460	10.173	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	53797	10.520	ng		99
20) 3+4-Methylphenols	7.11	107	74063	11.226	ng	#	50
22) Acetophenone	7.11	105	101337	11.079	ng	#	95
24) Nitrobenzene	7.28	77	73662	9.949	ng		96
25) Isophorone	7.52	82	125392	10.158	ng		96
26) 2-Nitrophenol	7.60	139	21470	6.210	ng		96
27) 2,4-Dimethylphenol	7.64	122	55174	10.174	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	85968	10.349	ng		99
29) 2,4-Dichlorophenol	7.84	162	58175	10.067	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	66186	10.595	ng		98
31) Naphthalene	8.01	128	200529	10.727	ng		98
32) Benzoic acid	7.72	122	20989m	5.923	ng		
33) 4-Chloroaniline	8.05	127	87444	10.520	ng		99
34) Hexachlorobutadiene	8.13	225	40723	10.678	ng		98
35) Caprolactam	8.39	113	18048	9.579	ng	#	87
36) 4-Chloro-3-methylphenol	8.53	107	62176	10.220	ng		98
37) 2-Methylnaphthalene	8.70	142	131095	10.758	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	68590	11.232	ng		98
40) Hexachlorocyclopentadiene	8.86	237	22572	7.336	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	39641	9.658	ng		98
43) 2,4,5-Trichlorophenol	9.01	196	44020	10.263	ng		98
45) 1,1'-Biphenyl	9.16	154	173452	11.174	ng		97
46) 2-Chloronaphthalene	9.18	162	139102	11.189	ng		98
47) 2-Nitroaniline	9.27	65	31062	8.128	ng		99
48) Acenaphthylene	9.59	152	208549	11.127	ng		99
49) Dimethylphthalate	9.46	163	153016	11.034	ng		100
50) 2,6-Dinitrotoluene	9.52	165	26820	8.721	ng		92
51) Acenaphthene	9.77	154	124477	10.665	ng		99
52) 3-Nitroaniline	9.68	138	32436	8.957	ng	#	93
53) 2,4-Dinitrophenol	9.79	184	4107	3.465	ng	#	24
54) Dibenzofuran	9.94	168	189341	11.226	ng		100
55) 4-Nitrophenol	9.84	139	21149	7.927	ng		98
56) 2,4-Dinitrotoluene	9.92	165	30164	7.500	ng	#	94
57) Fluorene	10.28	166	138453	12.318	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	33664	9.478	ng	#	93
59) Diethylphthalate	10.16	149	152452	10.886	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	73327	12.184	ng		94
61) 4-Nitroaniline	10.28	138	30640	8.906	ng		91
62) Azobenzene	10.43	77	161192	11.245	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	8669	4.652	ng		92
65) n-Nitrosodiphenylamine	10.39	169	139759	10.971	ng		94
66) 4-Bromophenyl-phenylether	10.76	248	45906	10.455	ng	#	86
67) Hexachlorobenzene	10.83	284	49774	10.598	ng		93
68) Atrazine	10.92	200	42348	10.384	ng		96
69) Pentachlorophenol	11.02	266	22978	7.647	ng		98
70) Phenanthrene	11.23	178	212626	11.137	ng		99
71) Anthracene	11.29	178	216780	11.202	ng		98
72) Carbazole	11.44	167	214668	11.205	ng		99
73) Di-n-butylphthalate	11.78	149	250981	11.192	ng		98
74) Fluoranthene	12.42	202	231087	11.466	ng		95
76) Benzidine	12.53	184	134630	11.114	ng		98
77) Pyrene	12.64	202	238785	9.395	ng		98
79) Butylbenzylphthalate	13.27	149	96419	8.493	ng		97
80) Benzo(a)anthracene	13.82	228	211296	10.199	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	80439	9.622	ng		99
82) Chrysene	13.86	228	206832	9.978	ng		97
83) Bis(2-ethylhexyl)phthalate	13.83	149	127956	9.309	ng		98
84) Di-n-octyl phthalate	14.44	149	212354	9.109	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	171014	10.320	ng		93
87) Benzo(b)fluoranthene	14.84	252	192067	10.363	ng		99
88) Benzo(k)fluoranthene	14.86	252	178933m	10.337	ng		
89) Benzo(a)pyrene	15.17	252	172816	10.500	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	140906	10.190	ng		97
91) Benzo(g,h,i)perylene	16.97	276	135227	9.781	ng		95

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

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