Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109540.D
Acq On : 3 Oct 2018 12:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/4/2018 11:43:49 AM

Quant Time: Oct 03 13:39:59 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 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105624	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	429789	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	204753	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	390732	20.00	ng		0.00
75) Chrysene-d12	13.84	240	289670	20.00	ng		0.00
86) Perylene-d12	15.24	264	253257	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	511266	79.73	ng		0.00
7) Phenol-d6	6.35	99	638321	78.01	ng		0.00
23) Nitrobenzene-d5	7.27	82	602440	82.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	173105	85.76	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1106285	81.49	ng		-0.01
78) Terphenyl-d14	12.79	244	922695	78.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	110930	37.560	ng		90
3) Pyridine	3.08	79	270542	35.591	ng		92
4) n-Nitrosodimethylamine	3.03	42	107601m	33.262	ng		
6) Aniline	6.37	93	395081	37.737	ng	#	70
8) 2-Chlorophenol	6.49	128	288876	40.508	ng		96
9) Benzaldehyde	6.25	77	185936	35.371	ng		98
10) Phenol	6.36	94	354295	38.232	ng	#	65
11) bis(2-Chloroethyl)ether	6.45	93	308219	42.505	ng		95
12) 1,3-Dichlorobenzene	6.65	146	324749	39.552	ng		99
13) 1,4-Dichlorobenzene	6.72	146	342833	41.446	ng		97
14) 1,2-Dichlorobenzene	6.87	146	304354	39.886	ng		98
15) Benzyl Alcohol	6.85	79	237430	37.906	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.99	45	384093	37.343	ng		82
17) 2-Methylphenol	6.97	107	224886	38.974	ng	#	94
18) Hexachloroethane	7.22	117	120520	41.355	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	204290	38.100	ng		98
20) 3+4-Methylphenols	7.12	107	277315	39.807	ng	#	65
22) Acetophenone	7.12	105	390264	39.275	ng		96
24) Nitrobenzene	7.29	77	311359	40.220	ng		96
25) Isophorone	7.53	82	492147	37.538	ng		97
26) 2-Nitrophenol	7.60	139	148514	48.511	ng		98
27) 2,4-Dimethylphenol	7.65	122	216383	37.878	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	338994	39.060	ng		99
29) 2,4-Dichlorophenol	7.85	162	244249	40.694	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	263565	39.299	ng		97
31) Naphthalene	8.01	128	767679	38.224	ng		99
32) Benzoic acid	7.79	122	141198	38.019	ng		99
33) 4-Chloroaniline	8.06	127	350635	39.964	ng		99
34) Hexachlorobutadiene	8.13	225	163452	40.427	ng		97
35) Caprolactam	8.43	113	70762	36.927	ng	#	85
36) 4-Chloro-3-methylphenol	8.55	107	254853	40.351	ng		99
37) 2-Methylnaphthalene	8.70	142	500266	38.639	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	268778	41.247	ng		98
40) Hexachlorocyclopentadiene	8.85	237	96648	34.004	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	166577	39.830	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	183359	41.512	ng		96
45) 1,1'-Biphenyl	9.16	154	659359	39.524	ng		98
46) 2-Chloronaphthalene	9.19	162	522787	39.227	ng		97
47) 2-Nitroaniline	9.28	65	159149	42.119	ng		93
48) Acenaphthylene	9.60	152	771302	38.363	ng		99
49) Dimethylphthalate	9.46	163	579431	38.908	ng		100
50) 2,6-Dinitrotoluene	9.52	165	128369	43.523	ng		90
51) Acenaphthene	9.77	154	448793	36.921	ng		99
52) 3-Nitroaniline	9.69	138	144699	42.363	ng		94
53) 2,4-Dinitrophenol	9.80	184	44317	46.371	ng	#	27
54) Dibenzofuran	9.94	168	686629	37.982	ng		97
55) 4-Nitrophenol	9.86	139	91117	35.411	ng		92
56) 2,4-Dinitrotoluene	9.93	165	161180	43.189	ng	#	96
57) Fluorene	10.28	166	500124	38.774	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	145552	41.618	ng		90
59) Diethylphthalate	10.16	149	573935	38.057	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	266216	39.516	ng		93
61) 4-Nitroaniline	10.30	138	145211	43.592	ng		95
62) Azobenzene	10.43	77	576811	36.814	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	70418	45.431	ng		78
65) n-Nitrosodiphenylamine	10.39	169	509091	39.435	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	174666	40.256	ng	#	85
67) Hexachlorobenzene	10.83	284	187454	40.678	ng	#	84
68) Atrazine	10.92	200	150068	37.797	ng		96
69) Pentachlorophenol	11.02	266	114618	41.557	ng		98
70) Phenanthrene	11.23	178	759389	38.925	ng		99
71) Anthracene	11.29	178	777598	39.297	ng		100
72) Carbazole	11.45	167	764732	38.843	ng		99
73) Di-n-butylphthalate	11.77	149	896326	39.548	ng		99
74) Fluoranthene	12.42	202	791936	37.985	ng		98
76) Benzidine	12.54	184	384821	36.846	ng		99
77) Pyrene	12.64	202	803931	38.725	ng		99
79) Butylbenzylphthalate	13.26	149	363064	41.107	ng		95
80) Benzo(a)anthracene	13.83	228	613111	35.140	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	250849	37.830	ng		95
82) Chrysene	13.87	228	646980	37.412	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	447397	40.165	ng		99
84) Di-n-octyl phthalate	14.43	149	749718	39.365	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	511563	36.495	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	545359	39.189	ng		96
88) Benzo(k)fluoranthene	14.87	252	516259	39.094	ng		98
89) Benzo(a)pyrene	15.18	252	489483	39.034	ng		97
90) Dibenzo(a,h)anthracene	16.60	278	425110	41.323	ng	#	94
91) Benzo(g,h,i)perylene	16.99	276	424151	41.951	ng	#	91

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

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