Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109180.D
Acq On : 20 Sep 2018 14:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
9/21/2018 10:37:46 AM

Quant Time: Sep 20 15:17:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	124061	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	499272	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	237974	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	469545	20.00	ng		0.00
75) Chrysene-d12	13.86	240	321145	20.00	ng		0.00
86) Perylene-d12	15.26	264	288757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	601407	80.51	ng		0.00
7) Phenol-d6	6.36	99	773370	80.29	ng		0.00
23) Nitrobenzene-d5	7.28	82	715501	80.38	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	214515	83.06	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1264322	83.24	ng		0.00
78) Terphenyl-d14	12.81	244	1089527	80.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	135361	38.069	ng		93
3) Pyridine	3.10	79	362413	38.449	ng		90
4) n-Nitrosodimethylamine	3.04	42	145905	40.987	ng	#	96
6) Aniline	6.38	93	493615	39.650	ng		100
8) 2-Chlorophenol	6.51	128	338508	40.496	ng		98
9) Benzaldehyde	6.27	77	248387	40.379	ng		97
10) Phenol	6.37	94	433480	39.998	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	336857	39.509	ng		97
12) 1,3-Dichlorobenzene	6.67	146	388154	40.604	ng		99
13) 1,4-Dichlorobenzene	6.74	146	390270	40.694	ng		98
14) 1,2-Dichlorobenzene	6.90	146	359901	40.479	ng		99
15) Benzyl Alcohol	6.87	79	301988	41.299	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	464607	38.032	ng		94
17) 2-Methylphenol	6.98	107	270916	39.725	ng		97
18) Hexachloroethane	7.24	117	141230	40.547	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	246854	38.774	ng		97
20) 3+4-Methylphenols	7.14	107	329509	40.118	ng	#	65
22) Acetophenone	7.13	105	444211	39.178	ng	#	92
24) Nitrobenzene	7.31	77	369838	40.298	ng		97
25) Isophorone	7.55	82	587950	38.424	ng		99
26) 2-Nitrophenol	7.62	139	176573	41.203	ng		97
27) 2,4-Dimethylphenol	7.67	122	262445	39.041	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	396051	38.463	ng		100
29) 2,4-Dichlorophenol	7.86	162	285163	39.808	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	304982	39.386	ng		97
31) Naphthalene	8.02	128	917388	39.588	ng		99
32) Benzoic acid	7.78	122	171766m	39.105	ng		
33) 4-Chloroaniline	8.07	127	407825	39.582	ng		99
34) Hexachlorobutadiene	8.15	225	191660	40.543	ng		99
35) Caprolactam	8.45	113	91048	38.985	ng	#	85
36) 4-Chloro-3-methylphenol	8.56	107	298202	39.544	ng		100
37) 2-Methylnaphthalene	8.72	142	588761	38.976	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	303153	40.474	ng		98
40) Hexachlorocyclopentadiene	8.88	237	145714	38.612	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	206721	41.062	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	216738	41.197	ng		93
45) 1,1'-Biphenyl	9.18	154	769750	40.430	ng		98
46) 2-Chloronaphthalene	9.20	162	612390	40.163	ng		100
47) 2-Nitroaniline	9.30	65	192863	41.145	ng		95
48) Acenaphthylene	9.61	152	925936	40.278	ng		99
49) Dimethylphthalate	9.48	163	682261	40.112	ng		99
50) 2,6-Dinitrotoluene	9.54	165	155429	41.206	ng		94
51) Acenaphthene	9.79	154	573344	40.052	ng		99
52) 3-Nitroaniline	9.71	138	178624	40.216	ng		98
53) 2,4-Dinitrophenol	9.81	184	54191	37.278	ng	#	16
54) Dibenzofuran	9.96	168	818826	39.583	ng		97
55) 4-Nitrophenol	9.87	139	127942	39.097	ng		96
56) 2,4-Dinitrotoluene	9.94	165	205068	41.571	ng	#	95
57) Fluorene	10.30	166	576073	41.789	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	178212	40.910	ng	#	88
59) Diethylphthalate	10.18	149	678541	39.505	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	310380	42.047	ng		94
61) 4-Nitroaniline	10.32	138	175482	41.585	ng		99
62) Azobenzene	10.45	77	693095	39.421	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	84508	37.617	ng		87
65) n-Nitrosodiphenylamine	10.41	169	604721	39.372	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	209914	39.655	ng	#	86
67) Hexachlorobenzene	10.85	284	225656	39.854	ng		93
68) Atrazine	10.94	200	193805	39.418	ng		96
69) Pentachlorophenol	11.04	266	143549	39.626	ng		99
70) Phenanthrene	11.25	178	900977	39.144	ng		99
71) Anthracene	11.31	178	928931	39.813	ng		99
72) Carbazole	11.46	167	902640	39.080	ng		100
73) Di-n-butylphthalate	11.80	149	1027691	38.011	ng		99
74) Fluoranthene	12.44	202	946041	38.933	ng		97
76) Benzidine	12.55	184	592305	52.102	ng		100
77) Pyrene	12.67	202	965106	40.458	ng		100
79) Butylbenzylphthalate	13.29	149	421568	39.568	ng		96
80) Benzo(a)anthracene	13.85	228	761939	39.188	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	298576	38.055	ng	#	95
82) Chrysene	13.88	228	758379	38.985	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	503134	39.002	ng		99
84) Di-n-octyl phthalate	14.46	149	838355	38.319	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	600739	38.627	ng	#	93
87) Benzo(b)fluoranthene	14.87	252	654816	40.991	ng		97
88) Benzo(k)fluoranthene	14.89	252	581338	38.962	ng		98
89) Benzo(a)pyrene	15.20	252	565573	39.867	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	498038	41.786	ng	#	95
91) Benzo(g,h,i)perylene	17.02	276	505974	42.462	ng	#	91

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

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