Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109140.D
Acq On : 19 Sep 2018 13:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:27 AM

Quant Time: Sep 19 14:26:22 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	129689	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	510492	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	246569	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	481152	20.00	ng		0.00
75) Chrysene-d12	13.86	240	337281	20.00	ng		0.00
86) Perylene-d12	15.26	264	291413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	622796	79.76	ng		0.00
7) Phenol-d6	6.36	99	790960	78.56	ng		0.00
23) Nitrobenzene-d5	7.28	82	733336	80.57	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	219582	82.06	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1293949	82.22	ng		0.00
78) Terphenyl-d14	12.81	244	1117913	78.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	138759	37.331	ng		93
3) Pyridine	3.09	79	388684	39.447	ng		90
4) n-Nitrosodimethylamine	3.03	42	146057	39.249	ng	#	94
6) Aniline	6.38	93	513042	39.422	ng		98
8) 2-Chlorophenol	6.51	128	350442	40.104	ng		97
9) Benzaldehyde	6.27	77	257719	40.078	ng		99
10) Phenol	6.37	94	442426	39.052	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	345183	38.729	ng		97
12) 1,3-Dichlorobenzene	6.67	146	394142	39.441	ng		99
13) 1,4-Dichlorobenzene	6.74	146	399143	39.813	ng		97
14) 1,2-Dichlorobenzene	6.90	146	369179	39.721	ng		98
15) Benzyl Alcohol	6.87	79	309517	40.492	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	487816	38.199	ng		95
17) 2-Methylphenol	6.98	107	279960	39.269	ng		98
18) Hexachloroethane	7.24	117	144493	39.684	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	254585	38.253	ng		98
20) 3+4-Methylphenols	7.14	107	333797	38.876	ng	#	64
22) Acetophenone	7.13	105	453060	39.080	ng	#	91
24) Nitrobenzene	7.31	77	377471	40.225	ng		96
25) Isophorone	7.55	82	602349	38.500	ng		99
26) 2-Nitrophenol	7.62	139	182732	41.703	ng		96
27) 2,4-Dimethylphenol	7.67	122	272565	39.656	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	407534	38.708	ng		99
29) 2,4-Dichlorophenol	7.86	162	295013	40.278	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	315103	39.798	ng		97
31) Naphthalene	8.02	128	940447	39.692	ng		99
32) Benzoic acid	7.78	122	178411m	39.725	ng		
33) 4-Chloroaniline	8.07	127	416936	39.577	ng		99
34) Hexachlorobutadiene	8.15	225	196590	40.672	ng		99
35) Caprolactam	8.45	113	91785	38.437	ng	#	82
36) 4-Chloro-3-methylphenol	8.56	107	309749	40.173	ng		99
37) 2-Methylnaphthalene	8.72	142	603622	39.082	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	310097	39.958	ng		97
40) Hexachlorocyclopentadiene	8.88	237	146496	37.467	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	212535	40.745	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	222463	40.811	ng		97
45) 1,1'-Biphenyl	9.18	154	787184	39.905	ng		98
46) 2-Chloronaphthalene	9.20	162	630720	39.924	ng		99
47) 2-Nitroaniline	9.30	65	198617	40.895	ng		96
48) Acenaphthylene	9.61	152	946696	39.745	ng		100
49) Dimethylphthalate	9.48	163	699778	39.708	ng		99
50) 2,6-Dinitrotoluene	9.54	165	160874	41.163	ng		94
51) Acenaphthene	9.79	154	583418	39.335	ng		100
52) 3-Nitroaniline	9.71	138	185380	40.282	ng		99
53) 2,4-Dinitrophenol	9.81	184	51385	34.115	ng	#	21
54) Dibenzofuran	9.96	168	852276	39.764	ng		98
55) 4-Nitrophenol	9.87	139	133931	39.500	ng		99
56) 2,4-Dinitrotoluene	9.94	165	210472	41.179	ng	#	89
57) Fluorene	10.30	166	594887	41.649	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	182564	40.448	ng		88
59) Diethylphthalate	10.18	149	710299	39.913	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	315108	41.200	ng		94
61) 4-Nitroaniline	10.31	138	177781	40.661	ng		96
62) Azobenzene	10.45	77	711947	39.082	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	83475	36.260	ng		89
65) n-Nitrosodiphenylamine	10.41	169	628664	39.944	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	212882	39.246	ng	#	85
67) Hexachlorobenzene	10.85	284	226857	39.099	ng	#	84
68) Atrazine	10.94	200	200242	39.744	ng		96
69) Pentachlorophenol	11.04	266	150458	40.531	ng		98
70) Phenanthrene	11.25	178	934637	39.627	ng		99
71) Anthracene	11.31	178	942315	39.412	ng		100
72) Carbazole	11.46	167	923056	39.000	ng		100
73) Di-n-butylphthalate	11.80	149	1084159	39.132	ng		99
74) Fluoranthene	12.44	202	968799	38.908	ng		98
76) Benzidine	12.56	184	626614	52.483	ng		99
77) Pyrene	12.67	202	994743	39.706	ng		99
79) Butylbenzylphthalate	13.29	149	445170	39.784	ng		98
80) Benzo(a)anthracene	13.85	228	791319	38.752	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	315385	38.274	ng	#	98
82) Chrysene	13.88	228	793789	38.853	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	535373	39.515	ng		100
84) Di-n-octyl phthalate	14.46	149	896656	39.023	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	586695	35.919	ng	#	94
87) Benzo(b)fluoranthene	14.87	252	654948	40.626	ng		98
88) Benzo(k)fluoranthene	14.89	252	622349	41.331	ng		99
89) Benzo(a)pyrene	15.20	252	572946	40.018	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	489017	40.655	ng	#	95
91) Benzo(g,h,i)perylene	17.02	276	495937	41.240	ng	#	91

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

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