Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109065.D
Acq On : 17 Sep 2018 23:53
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/18/2018 6:00:27 PM

Quant Time: Sep 18 05:39:27 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	127350	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	474756	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	203432	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	373442	20.00	ng		0.00
75) Chrysene-d12	13.86	240	303995	20.00	ng		0.00
86) Perylene-d12	15.26	264	251379	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	623738	81.35	ng		0.00
7) Phenol-d6	6.36	99	773898	78.27	ng		0.00
23) Nitrobenzene-d5	7.28	82	697560	82.41	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	167765	75.99	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1168581	90.00	ng		0.00
78) Terphenyl-d14	12.81	244	954459	74.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	132621	36.335	ng		91
3) Pyridine	3.07	79	383979	39.685	ng		93
4) n-Nitrosodimethylamine	3.01	42	151760	41.530	ng		94
6) Aniline	6.38	93	497439	38.925	ng		99
8) 2-Chlorophenol	6.51	128	340684	39.703	ng		98
9) Benzaldehyde	6.27	77	259232	41.053	ng		99
10) Phenol	6.37	94	431241	38.764	ng		84
11) bis(2-Chloroethyl)ether	6.46	93	343475	39.245	ng		98
12) 1,3-Dichlorobenzene	6.67	146	386339	39.370	ng		100
13) 1,4-Dichlorobenzene	6.74	146	385981	39.208	ng		97
14) 1,2-Dichlorobenzene	6.90	146	360763	39.528	ng		99
15) Benzyl Alcohol	6.87	79	297381	39.619	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	487218	38.853	ng		95
17) 2-Methylphenol	6.98	107	271235	38.744	ng		99
18) Hexachloroethane	7.24	117	115204	32.221	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	246036	37.647	ng		98
20) 3+4-Methylphenols	7.14	107	322001	38.191	ng	#	63
22) Acetophenone	7.13	105	436423	40.478	ng	#	93
24) Nitrobenzene	7.30	77	361881	41.467	ng		97
25) Isophorone	7.55	82	573500	39.415	ng		100
26) 2-Nitrophenol	7.62	139	140588	34.500	ng		97
27) 2,4-Dimethylphenol	7.67	122	254175	39.764	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	392168	40.053	ng		99
29) 2,4-Dichlorophenol	7.87	162	266702	39.154	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	294964	40.059	ng		96
31) Naphthalene	8.02	128	877781	39.835	ng		99
32) Benzoic acid	7.77	122	116864	27.980	ng		96
33) 4-Chloroaniline	8.07	127	385399	39.337	ng		99
34) Hexachlorobutadiene	8.15	225	183340	40.785	ng		99
35) Caprolactam	8.44	113	80106	36.071	ng	#	82
36) 4-Chloro-3-methylphenol	8.56	107	263835	36.794	ng		100
37) 2-Methylnaphthalene	8.72	142	543117	37.811	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	280641	43.831	ng		98
40) Hexachlorocyclopentadiene	8.88	237	18927	5.867	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	177312	41.200	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	181221	40.295	ng		98
45) 1,1'-Biphenyl	9.18	154	686695	42.192	ng		98
46) 2-Chloronaphthalene	9.20	162	538154	41.288	ng		99
47) 2-Nitroaniline	9.30	65	172785	43.120	ng		97
48) Acenaphthylene	9.61	152	790639	40.232	ng		100
49) Dimethylphthalate	9.48	163	607122	41.755	ng	#	98
50) 2,6-Dinitrotoluene	9.54	165	126132	39.117	ng		97
51) Acenaphthene	9.79	154	463235	37.855	ng		99
52) 3-Nitroaniline	9.70	138	156894	41.322	ng		92
53) 2,4-Dinitrophenol	9.81	184	3889	3.129	ng	#	27
54) Dibenzofuran	9.96	168	689843	39.010	ng		99
55) 4-Nitrophenol	9.86	139	100825	36.042	ng		93
56) 2,4-Dinitrotoluene	9.94	165	151231	35.862	ng	#	94
57) Fluorene	10.30	166	476682	40.450	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	143146	38.440	ng		88
59) Diethylphthalate	10.18	149	589300	40.135	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	258228	40.922	ng		94
61) 4-Nitroaniline	10.31	138	147461	40.878	ng		97
62) Azobenzene	10.45	77	573698	38.171	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	8756	4.901	ng		97
65) n-Nitrosodiphenylamine	10.41	169	504309	41.284	ng		94
66) 4-Bromophenyl-phenylether	10.78	248	166649	39.583	ng	#	84
67) Hexachlorobenzene	10.85	284	179582	39.878	ng		93
68) Atrazine	10.94	200	143617	36.727	ng		96
69) Pentachlorophenol	11.04	266	164020	56.929	ng		98
70) Phenanthrene	11.25	178	734915	40.146	ng		99
71) Anthracene	11.31	178	743409	40.061	ng		100
72) Carbazole	11.46	167	738451	40.199	ng		99
73) Di-n-butylphthalate	11.80	149	880531	40.949	ng		99
74) Fluoranthene	12.44	202	795318	41.153	ng		98
76) Benzidine	12.56	184	514309	47.794	ng		99
77) Pyrene	12.67	202	827221	36.635	ng		100
79) Butylbenzylphthalate	13.29	149	392479	38.915	ng		98
80) Benzo(a)anthracene	13.85	228	725036	39.394	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	313992	42.278	ng	#	96
82) Chrysene	13.88	228	724582	39.349	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	514306	42.117	ng		100
84) Di-n-octyl phthalate	14.46	149	944343	45.598	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	488344	33.171	ng		94
87) Benzo(b)fluoranthene	14.87	252	591576m	42.539	ng		
88) Benzo(k)fluoranthene	14.89	252	528622	40.697	ng		97
89) Benzo(a)pyrene	15.20	252	491000	39.756	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	411451	39.654	ng		97
91) Benzo(g,h,i)perylene	17.02	276	398763	38.440	ng	#	92

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

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