Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109881.D
Acq On : 15 Oct 2018 16:12
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
Sohil
10/16/2018 9:57:17 AM

Quant Time: Oct 15 17:11:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 16:50:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	233636	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	964251	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	448965	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	818722	20.00	ng		0.00
76) Chrysene-d12	14.15	240	567320	20.00	ng		0.00
87) Perylene-d12	15.67	264	419990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1161871	88.27	ng		0.00
7) Phenol-d6	6.59	99	1441631	81.99	ng		0.00
23) Nitrobenzene-d5	7.55	82	1197224	68.44	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	325309	66.50	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2143116	65.74	ng		0.00
79) Terphenyl-d14	13.09	244	2140374	73.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	334030	48.355	ng		92
3) Pyridine	3.60	79	750967	52.693	ng		88
4) n-Nitrosodimethylamine	3.57	42	309937	60.251	ng	#	99
6) Aniline	6.64	93	992184	48.440	ng	#	54
8) 2-Chlorophenol	6.76	128	664485	41.048	ng		100
9) Benzaldehyde	6.53	77	472930	41.797	ng		94
10) Phenol	6.60	94	785898	38.978	ng	#	64
11) bis(2-Chloroethyl)ether	6.71	93	656521	39.276	ng		92
12) 1,3-Dichlorobenzene	6.92	146	719696	38.871	ng		96
13) 1,4-Dichlorobenzene	7.00	146	728684	36.105	ng		98
14) 1,2-Dichlorobenzene	7.15	146	671871	37.906	ng		98
15) Benzyl Alcohol	7.11	79	569590	43.695	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1086350	49.012	ng		69
17) 2-Methylphenol	7.22	107	529714	41.380	ng	#	80
18) Hexachloroethane	7.49	117	260470	36.512	ng		93
19) n-Nitroso-di-n-propylamine	7.39	70	461501	37.427	ng		95
20) 3+4-Methylphenols	7.37	107	682508	43.268	ng	#	85
22) Acetophenone	7.39	105	878670	37.683	ng		97
24) Nitrobenzene	7.56	77	646327	35.508	ng		94
25) Isophorone	7.80	82	1114504	38.368	ng		96
26) 2-Nitrophenol	7.87	139	268222	31.504	ng		93
27) 2,4-Dimethylphenol	7.90	122	542161	44.097	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	773000	39.343	ng		99
29) 2,4-Dichlorophenol	8.11	162	530070	38.437	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	591721	38.760	ng		94
31) Naphthalene	8.29	128	1744729	39.125	ng		99
32) Benzoic acid	8.01	122	357465m	40.666	ng		
33) 4-Chloroaniline	8.33	127	787979	40.126	ng		100
34) Hexachlorobutadiene	8.40	225	321961	33.919	ng		100
35) Caprolactam	8.70	113	186601	45.309	ng	#	81
36) 4-Chloro-3-methylphenol	8.80	107	555023	38.128	ng		94
37) 2-Methylnaphthalene	8.97	142	1133778	38.814	ng		98
38) 1-Methylnaphthalene	9.07	142	1087539	37.450	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	545744	35.710	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	277015	49.671 ng		99
43) 2,4,6-Trichlorophenol	9.25	196	353310	38.672 ng		96
44) 2,4,5-Trichlorophenol	9.28	196	372026	35.416 ng		95
46) 1,1'-Biphenyl	9.44	154	1567258	39.076 ng		98
47) 2-Chloronaphthalene	9.47	162	1152997	38.371 ng		97
48) 2-Nitroaniline	9.56	65	314622	34.579 ng		98
49) Acenaphthylene	9.89	152	1707411	38.976 ng		99
50) Dimethylphthalate	9.73	163	1251429	38.006 ng		99
51) 2,6-Dinitrotoluene	9.80	165	255207	35.756 ng		99
52) Acenaphthene	10.06	154	1073744	41.347 ng		98
53) 3-Nitroaniline	9.97	138	307815	38.473 ng	#	96
54) 2,4-Dinitrophenol	10.07	184	62394	27.095 ng		99
55) Dibenzofuran	10.23	168	1510639	38.807 ng		99
56) 4-Nitrophenol	10.11	139	231904	52.953 ng		95
57) 2,4-Dinitrotoluene	10.20	165	295079	33.128 ng		94
58) Fluorene	10.57	166	1104968	38.011 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	296499	34.723 ng		96
60) Diethylphthalate	10.43	149	1239868	38.004 ng		98
61) 4-Chlorophenyl-phenylether	10.56	204	584629	38.121 ng		99
62) 4-Nitroaniline	10.59	138	292547	39.482 ng		93
63) Azobenzene	10.72	77	1284159	38.761 ng		94
65) 4,6-Dinitro-2-methylphenol	10.61	198	109739	27.539 ng		99
66) n-Nitrosodiphenylamine	10.68	169	1080821	38.942 ng		95
67) 4-Bromophenyl-phenylether	11.05	248	357469	37.999 ng		95
68) Hexachlorobenzene	11.12	284	370406	36.362 ng	#	91
69) Atrazine	11.20	200	346556	40.010 ng		99
70) Pentachlorophenol	11.30	266	232268	40.521 ng		96
71) Phenanthrene	11.53	178	1670488	40.771 ng		99
72) Anthracene	11.59	178	1678388	39.628 ng		99
73) Carbazole	11.74	167	1642458	39.984 ng		99
74) Di-n-butylphthalate	12.06	149	1865825	39.162 ng		100
75) Fluoranthene	12.72	202	1647992	38.502 ng		96
77) Benzidine	12.84	184	906190	42.999 ng		97
78) Pyrene	12.96	202	1692147	40.710 ng		99
80) Butylbenzylphthalate	13.56	149	705789	39.165 ng		97
81) Benzo(a)anthracene	14.14	228	1315748	42.027 ng		98
82) 3,3'-Dichlorobenzidine	14.10	252	479396	38.029 ng		99
83) Chrysene	14.18	228	1254299	38.143 ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	905786	41.198 ng		97
85) Di-n-octyl phthalate	14.74	149	1278417	36.787 ng		97
86) Indeno(1,2,3-cd)pyrene	17.22	276	964286	40.968 ng	#	92
88) Benzo(b)fluoranthene	15.22	252	1016704	43.806 ng		97
89) Benzo(k)fluoranthene	15.25	252	943069	40.441 ng	#	97
90) Benzo(a)pyrene	15.60	252	906160	43.024 ng		97
91) Dibenzo(a,h)anthracene	17.24	278	811702	46.925 ng	#	97
92) Benzo(g,h,i)perylene	17.70	276	822005	47.588 ng	#	94

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

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