Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109924.D
Acq On : 17 Oct 2018 17:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/18/2018 2:04:18 PM

Quant Time: Oct 18 10:49:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	266634	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1079001	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	497179	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	901734	20.00	ng		0.00
76) Chrysene-d12	14.16	240	600876	20.00	ng		0.00
87) Perylene-d12	15.70	264	462925	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1270303	75.52	ng		0.00
7) Phenol-d6	6.59	99	1600605	76.63	ng		-0.01
23) Nitrobenzene-d5	7.55	82	1304970	81.47	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	358126	83.20	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2379480	76.37	ng		0.00
79) Terphenyl-d14	13.10	244	2234729	78.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	351313	36.772	ng		92
3) Pyridine	3.62	79	811432	38.096	ng		89
4) n-Nitrosodimethylamine	3.58	42	323144	37.191	ng	#	99
6) Aniline	6.64	93	1075407	38.205	ng	#	54
8) 2-Chlorophenol	6.76	128	734154	38.964	ng		99
9) Benzaldehyde	6.53	77	513671	37.844	ng		93
10) Phenol	6.61	94	865204	38.366	ng	#	61
11) bis(2-Chloroethyl)ether	6.71	93	716123	37.979	ng		94
12) 1,3-Dichlorobenzene	6.92	146	795643	38.510	ng		100
13) 1,4-Dichlorobenzene	6.99	146	801443	38.517	ng		98
14) 1,2-Dichlorobenzene	7.15	146	744212	38.841	ng		98
15) Benzyl Alcohol	7.12	79	626818	39.007	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1163494	37.595	ng		67
17) 2-Methylphenol	7.22	107	581676	38.284	ng	#	81
18) Hexachloroethane	7.49	117	289480	39.368	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	494876	36.900	ng		96
20) 3+4-Methylphenols	7.37	107	732161	37.974	ng		95
22) Acetophenone	7.39	105	955588	38.189	ng		98
24) Nitrobenzene	7.56	77	705481	40.544	ng		94
25) Isophorone	7.80	82	1191292	37.852	ng		96
26) 2-Nitrophenol	7.87	139	307415	42.610	ng		93
27) 2,4-Dimethylphenol	7.90	122	593619	39.158	ng		95
28) bis(2-Chloroethoxy)methane	8.00	93	828215	38.344	ng		99
29) 2,4-Dichlorophenol	8.11	162	588015	39.985	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	654540	39.751	ng		96
31) Naphthalene	8.29	128	1892156	38.242	ng		99
32) Benzoic acid	8.00	122	306646m	32.465	ng		
33) 4-Chloroaniline	8.33	127	865316	38.905	ng		99
34) Hexachlorobutadiene	8.40	225	359393	39.581	ng		100
35) Caprolactam	8.70	113	197265	37.770	ng		91
36) 4-Chloro-3-methylphenol	8.80	107	616290	39.725	ng		90
37) 2-Methylnaphthalene	8.97	142	1234112	38.519	ng		99
38) 1-Methylnaphthalene	9.07	142	1201897	38.713	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	605417	39.534	ng		99

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Quant Time: Oct 18 10:49:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	314144	42.502	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	393773	41.123	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	409288	41.184	ng		95
46) 1,1'-Biphenyl	9.44	154	1723849	38.916	ng		98
47) 2-Chloronaphthalene	9.47	162	1261199	38.653	ng		99
48) 2-Nitroaniline	9.56	65	350852	41.900	ng		98
49) Acenaphthylene	9.89	152	1818851	38.372	ng		97
50) Dimethylphthalate	9.74	163	1344948	38.204	ng		100
51) 2,6-Dinitrotoluene	9.80	165	275410	41.188	ng		96
52) Acenaphthene	10.06	154	1160499	38.455	ng		98
53) 3-Nitroaniline	9.97	138	328631	40.403	ng	#	91
54) 2,4-Dinitrophenol	10.07	184	56883	32.640	ng	#	84
55) Dibenzofuran	10.23	168	1657879	38.521	ng		97
56) 4-Nitrophenol	10.12	139	240655	38.776	ng		93
57) 2,4-Dinitrotoluene	10.20	165	325633	39.454	ng		92
58) Fluorene	10.57	166	1200302	38.312	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	327037	41.522	ng		96
60) Diethylphthalate	10.43	149	1329102	38.224	ng		98
61) 4-Chlorophenyl-phenylether	10.56	204	634872	38.902	ng		94
62) 4-Nitroaniline	10.59	138	327511	42.537	ng		94
63) Azobenzene	10.72	77	1347614	37.099	ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	111622	36.447	ng		80
66) n-Nitrosodiphenylamine	10.68	169	1158693	38.580	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	389090	39.815	ng		93
68) Hexachlorobenzene	11.12	284	410062	39.349	ng		98
69) Atrazine	11.20	200	370142	39.455	ng		99
70) Pentachlorophenol	11.31	266	238244	40.172	ng		95
71) Phenanthrene	11.54	178	1782960	38.193	ng		98
72) Anthracene	11.59	178	1784942	38.031	ng		99
73) Carbazole	11.74	167	1730213	37.511	ng		100
74) Di-n-butylphthalate	12.06	149	1936447	37.617	ng		99
75) Fluoranthene	12.73	202	1742826	37.371	ng		97
77) Benzidine	12.85	184	901208	39.118	ng		98
78) Pyrene	12.96	202	1771116	40.132	ng		99
80) Butylbenzylphthalate	13.57	149	742952	41.640	ng		96
81) Benzo(a)anthracene	14.15	228	1374174	38.826	ng		99
82) 3,3'-Dichlorobenzidine	14.11	252	494567	39.858	ng		99
83) Chrysene	14.19	228	1295333	38.450	ng		100
84) Bis(2-ethylhexyl)phthalate	14.13	149	944174	40.216	ng	#	95
85) Di-n-octyl phthalate	14.76	149	1387383	41.916	ng		98
86) Indeno(1,2,3-cd)pyrene	17.27	276	1131437	41.712	ng	#	94
88) Benzo(b)fluoranthene	15.24	252	1009363	37.820	ng		98
89) Benzo(k)fluoranthene	15.27	252	1037036	39.422	ng	#	96
90) Benzo(a)pyrene	15.63	252	948472	38.641	ng	#	97
91) Dibenzo(a,h)anthracene	17.29	278	943089	43.354	ng		99
92) Benzo(g,h,i)perylene	17.74	276	960628	43.707	ng	#	95

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

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