Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109900.D
Acq On : 16 Oct 2018 12:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/17/2018 11:15:12 AM

Quant Time: Oct 16 14:17:50 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 18:09:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	270776	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	1145203	20.00	ng		0.00
39) Acenaphthene-d10	10.03	164	528709	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	964287	20.00	ng		0.00
76) Chrysene-d12	14.16	240	652900	20.00	ng		0.01
87) Perylene-d12	15.69	264	504351	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1341301	78.52	ng		0.00
7) Phenol-d6	6.60	99	1700330	80.16	ng		0.01
23) Nitrobenzene-d5	7.55	82	1504628	88.51	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	392325	85.71	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2513581	75.86	ng		0.00
79) Terphenyl-d14	13.10	244	2414926	77.67	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	371099	38.249	ng		91
3) Pyridine	3.62	79	867857	40.122	ng		89
4) n-Nitrosodimethylamine	3.58	42	351061	39.786	ng	#	97
6) Aniline	6.65	93	1150595	40.251	ng	#	53
8) 2-Chlorophenol	6.77	128	778091	40.664	ng		100
9) Benzaldehyde	6.53	77	550506	39.937	ng		97
10) Phenol	6.62	94	923322	40.317	ng	#	62
11) bis(2-Chloroethyl)ether	6.72	93	763746	39.885	ng		92
12) 1,3-Dichlorobenzene	6.92	146	840537	40.060	ng		98
13) 1,4-Dichlorobenzene	7.00	146	838690	39.690	ng		98
14) 1,2-Dichlorobenzene	7.16	146	778180	39.992	ng		99
15) Benzyl Alcohol	7.12	79	680238	41.684	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1247384	39.689	ng		67
17) 2-Methylphenol	7.22	107	627035	40.638	ng	#	80
18) Hexachloroethane	7.50	117	311171	41.670	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	530908	38.982	ng		96
20) 3+4-Methylphenols	7.38	107	786794	40.184	ng		96
22) Acetophenone	7.39	105	1013701	38.169	ng	#	97
24) Nitrobenzene	7.57	77	798659	43.245	ng		92
25) Isophorone	7.80	82	1302918	39.005	ng		96
26) 2-Nitrophenol	7.88	139	390043	50.938	ng		93
27) 2,4-Dimethylphenol	7.91	122	634573	39.440	ng		95
28) bis(2-Chloroethoxy)methane	8.01	93	891864	38.904	ng		98
29) 2,4-Dichlorophenol	8.12	162	632322	40.512	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	686336	39.272	ng		96
31) Naphthalene	8.29	128	2022309	38.509	ng		99
32) Benzoic acid	8.01	122	324211m	32.341	ng		
33) 4-Chloroaniline	8.33	127	929487	39.374	ng		99
34) Hexachlorobutadiene	8.40	225	375659	38.981	ng		100
35) Caprolactam	8.71	113	215123	38.808	ng	#	86
36) 4-Chloro-3-methylphenol	8.80	107	663040	40.268	ng		97
37) 2-Methylnaphthalene	8.98	142	1322955	38.905	ng		98
38) 1-Methylnaphthalene	9.08	142	1273344	38.644	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	638899	39.233	ng		98

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Quant Time: Oct 16 14:17:50 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	343042	43.644	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	428799	42.110	ng		94
44) 2,4,5-Trichlorophenol	9.29	196	451381	42.710	ng		96
46) 1,1'-Biphenyl	9.45	154	1792631	38.055	ng		97
47) 2-Chloronaphthalene	9.47	162	1355387	39.062	ng		98
48) 2-Nitroaniline	9.56	65	425129	47.743	ng		96
49) Acenaphthylene	9.89	152	1948697	38.659	ng		97
50) Dimethylphthalate	9.74	163	1495294	39.941	ng		99
51) 2,6-Dinitrotoluene	9.80	165	337108	47.409	ng		98
52) Acenaphthene	10.06	154	1250995	38.982	ng		98
53) 3-Nitroaniline	9.97	138	406906	47.043	ng		95
54) 2,4-Dinitrophenol	10.08	184	85424	42.421	ng	#	86
55) Dibenzofuran	10.23	168	1762288	38.505	ng		98
56) 4-Nitrophenol	10.12	139	298476	45.224	ng		95
57) 2,4-Dinitrotoluene	10.21	165	426151	47.497	ng		90
58) Fluorene	10.57	166	1280383	38.431	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.35	232	357506	42.683	ng		96
60) Diethylphthalate	10.44	149	1403539	37.958	ng		97
61) 4-Chlorophenyl-phenylether	10.56	204	688208	39.655	ng		99
62) 4-Nitroaniline	10.59	138	376470	45.979	ng		91
63) Azobenzene	10.73	77	1439626	37.268	ng		95
65) 4,6-Dinitro-2-methylphenol	10.62	198	149573	43.670	ng		97
66) n-Nitrosodiphenylamine	10.69	169	1238677	38.568	ng		95
67) 4-Bromophenyl-phenylether	11.06	248	413608	39.578	ng		94
68) Hexachlorobenzene	11.13	284	433718	38.919	ng		97
69) Atrazine	11.20	200	400740	39.946	ng		98
70) Pentachlorophenol	11.32	266	264572	41.717	ng		97
71) Phenanthrene	11.55	178	1896402	37.987	ng		98
72) Anthracene	11.60	178	1923332	38.321	ng		99
73) Carbazole	11.75	167	1900728	38.534	ng		99
74) Di-n-butylphthalate	12.07	149	2064055	37.495	ng		99
75) Fluoranthene	12.73	202	1910561	38.310	ng		96
77) Benzidine	12.85	184	971979	38.828	ng		99
78) Pyrene	12.97	202	1940612	40.469	ng		100
80) Butylbenzylphthalate	13.57	149	829431	42.783	ng		98
81) Benzo(a)anthracene	14.15	228	1518217	39.478	ng		99
82) 3,3'-Dichlorobenzidine	14.11	252	554986	41.164	ng	#	97
83) Chrysene	14.19	228	1431150	39.096	ng		100
84) Bis(2-ethylhexyl)phthalate	14.13	149	1029262	40.347	ng	#	93
85) Di-n-octyl phthalate	14.74	149	1526577	42.446	ng		97
86) Indeno(1,2,3-cd)pyrene	17.26	276	1247358	42.322	ng	#	94
88) Benzo(b)fluoranthene	15.23	252	1178618m	40.535	ng		
89) Benzo(k)fluoranthene	15.27	252	1099305	38.357	ng	#	97
90) Benzo(a)pyrene	15.63	252	1059380	39.614	ng		97
91) Dibenzo(a,h)anthracene	17.28	278	1028984	43.417	ng	#	96
92) Benzo(g,h,i)perylene	17.74	276	1061329	44.323	ng	#	93

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

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