Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109882.D
Acq On : 15 Oct 2018 16:39
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
10/16/2018 9:57:19 AM

Quant Time: Oct 15 17:16:49 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	232089	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	960562	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	441288	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	806107	20.00	ng		0.00
76) Chrysene-d12	14.15	240	555418	20.00	ng		0.00
87) Perylene-d12	15.67	264	419486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1375417	105.19	ng		0.00
7) Phenol-d6	6.60	99	1712038	98.02	ng		0.00
23) Nitrobenzene-d5	7.55	82	1449118	83.16	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	380922	79.22	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2497163	77.94	ng		0.00
79) Terphenyl-d14	13.10	244	2416229	84.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	402319	58.628	ng		93
3) Pyridine	3.60	79	912944	64.486	ng		87
4) n-Nitrosodimethylamine	3.57	42	374004	73.190	ng	#	98
6) Aniline	6.65	93	1185913	58.284	ng	#	53
8) 2-Chlorophenol	6.76	128	786629	48.918	ng		98
9) Benzaldehyde	6.53	77	542652	48.279	ng		96
10) Phenol	6.61	94	924110	46.138	ng	#	62
11) bis(2-Chloroethyl)ether	6.71	93	781106	47.040	ng		91
12) 1,3-Dichlorobenzene	6.92	146	857149	46.604	ng		97
13) 1,4-Dichlorobenzene	7.00	146	857787	42.785	ng		98
14) 1,2-Dichlorobenzene	7.15	146	785035	44.586	ng		99
15) Benzyl Alcohol	7.12	79	675878	52.195	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1286792	58.443	ng		68
17) 2-Methylphenol	7.22	107	635029	49.937	ng	#	81
18) Hexachloroethane	7.49	117	313177	44.193	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	543611	44.379	ng		97
20) 3+4-Methylphenols	7.37	107	792153	50.554	ng		93
22) Acetophenone	7.39	105	1022671	44.027	ng		96
24) Nitrobenzene	7.56	77	780852	43.064	ng		95
25) Isophorone	7.80	82	1329768	45.955	ng		97
26) 2-Nitrophenol	7.87	139	336102	39.628	ng		94
27) 2,4-Dimethylphenol	7.90	122	643724	52.559	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	888793	45.410	ng		99
29) 2,4-Dichlorophenol	8.11	162	637786	46.426	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	693113	45.576	ng		96
31) Naphthalene	8.29	128	2028772	45.669	ng		98
32) Benzoic acid	8.02	122	454341m	51.886	ng		
33) 4-Chloroaniline	8.33	127	933509	47.719	ng		99
34) Hexachlorobutadiene	8.40	225	382424	40.444	ng		98
35) Caprolactam	8.71	113	226187	55.132	ng		94
36) 4-Chloro-3-methylphenol	8.80	107	661218	45.597	ng		95
37) 2-Methylnaphthalene	8.97	142	1327383	45.616	ng		98
38) 1-Methylnaphthalene	9.07	142	1285463	44.435	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	635029	42.275	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	339279	61.893	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	422337	47.032	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	438098	42.431	ng		95
46) 1,1'-Biphenyl	9.44	154	1810505	45.926	ng		96
47) 2-Chloronaphthalene	9.47	162	1358889	46.009	ng		99
48) 2-Nitroaniline	9.56	65	390940	43.715	ng		98
49) Acenaphthylene	9.89	152	1964592	45.627	ng		98
50) Dimethylphthalate	9.74	163	1468907	45.387	ng		99
51) 2,6-Dinitrotoluene	9.80	165	312040	44.479	ng		97
52) Acenaphthene	10.06	154	1267372	49.652	ng		98
53) 3-Nitroaniline	9.97	138	373598	47.507	ng	#	90
54) 2,4-Dinitrophenol	10.07	184	82795	36.579	ng	#	82
55) Dibenzofuran	10.23	168	1784021	46.628	ng		98
56) 4-Nitrophenol	10.12	139	286086	66.461	ng		90
57) 2,4-Dinitrotoluene	10.20	165	373157	42.622	ng	#	89
58) Fluorene	10.57	166	1277893	44.724	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	352186	41.962	ng		95
60) Diethylphthalate	10.44	149	1457956	45.466	ng		98
61) 4-Chlorophenyl-phenylether	10.56	204	670974	44.512	ng		96
62) 4-Nitroaniline	10.59	138	353089	48.482	ng		95
63) Azobenzene	10.72	77	1500674	46.084	ng		96
65) 4,6-Dinitro-2-methylphenol	10.61	198	141577	36.084	ng		88
66) n-Nitrosodiphenylamine	10.68	169	1268875	46.433	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	418223	45.153	ng		92
68) Hexachlorobenzene	11.12	284	442260	44.095	ng	#	90
69) Atrazine	11.20	200	396784	46.525	ng		99
70) Pentachlorophenol	11.30	266	277727	49.210	ng		97
71) Phenanthrene	11.54	178	1922590	47.659	ng		98
72) Anthracene	11.59	178	1945161	46.645	ng		99
73) Carbazole	11.74	167	1924989	47.595	ng		99
74) Di-n-butylphthalate	12.06	149	2132177	45.453	ng		99
75) Fluoranthene	12.73	202	1929367	45.781	ng		97
77) Benzidine	12.84	184	951669	46.125	ng		99
78) Pyrene	12.96	202	1983390	48.740	ng		99
80) Butylbenzylphthalate	13.56	149	836614	47.419	ng		95
81) Benzo(a)anthracene	14.14	228	1555240	50.742	ng		98
82) 3,3'-Dichlorobenzidine	14.10	252	539361	43.703	ng		98
83) Chrysene	14.18	228	1484527	46.111	ng		100
84) Bis(2-ethylhexyl)phthalate	14.12	149	1075144	49.949	ng		96
85) Di-n-octyl phthalate	14.74	149	1512441	44.453	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	1243061	53.944	ng	#	93
88) Benzo(b)fluoranthene	15.22	252	1189808	51.326	ng		99
89) Benzo(k)fluoranthene	15.25	252	1161992	49.889	ng	#	95
90) Benzo(a)pyrene	15.60	252	1103455	52.454	ng	#	96
91) Dibenzo(a,h)anthracene	17.25	278	1029866	59.609	ng		97
92) Benzo(g,h,i)perylene	17.70	276	1058410	61.348	ng	#	92

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

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