Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108159.D
Acq On : 15 Aug 2018 11:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/16/2018 5:26:56 PM

Quant Time: Aug 15 13:32:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	225187	20.00	ng		0.01
21) Naphthalene-d8	8.31	136	874192	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	441481	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	861716	20.00	ng		0.00
75) Chrysene-d12	14.22	240	583020	20.00	ng		0.00
86) Perylene-d12	15.79	264	469275	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1023728	82.31	ng		0.02
7) Phenol-d6	6.65	99	1349194	81.63	ng		0.02
23) Nitrobenzene-d5	7.59	82	1286657	82.13	ng		0.01
41) 2,4,6-Tribromophenol	10.87	330	386730	87.82	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2236901	81.35	ng		0.00
78) Terphenyl-d14	13.15	244	2098058	91.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	251206	39.305	ng		89
3) Pyridine	3.71	79	646980	39.298	ng		87
4) n-Nitrosodimethylamine	3.67	42	350090	37.790	ng		84
6) Aniline	6.69	93	922108	41.014	ng		97
8) 2-Chlorophenol	6.81	128	579005	41.332	ng		99
9) Benzaldehyde	6.58	77	495688	38.681	ng		96
10) Phenol	6.66	94	698570	40.859	ng		91
11) bis(2-Chloroethyl)ether	6.75	93	561709	40.638	ng		92
12) 1,3-Dichlorobenzene	6.97	146	662877	40.924	ng		100
13) 1,4-Dichlorobenzene	7.04	146	661536	40.649	ng		97
14) 1,2-Dichlorobenzene	7.20	146	609726	40.279	ng		97
15) Benzyl Alcohol	7.16	79	562031	40.392	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1087282	38.184	ng		97
17) 2-Methylphenol	7.27	107	486120	40.465	ng		95
18) Hexachloroethane	7.54	117	243393	42.009	ng		90
19) n-Nitroso-di-n-propylamine	7.43	70	431525	38.608	ng	#	88
20) 3+4-Methylphenols	7.42	107	608107	39.501	ng		90
22) Acetophenone	7.43	105	809881	39.621	ng	#	92
24) Nitrobenzene	7.61	77	645894	40.772	ng		96
25) Isophorone	7.84	82	1181040	39.552	ng		96
26) 2-Nitrophenol	7.92	139	282038	47.143	ng		91
27) 2,4-Dimethylphenol	7.95	122	530436	40.024	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	700606	40.191	ng		99
29) 2,4-Dichlorophenol	8.16	162	503482	41.282	ng		98
30) 1,2,4-Trichlorobenzene	8.25	180	546285	40.626	ng		96
31) Naphthalene	8.33	128	1605704	40.389	ng		98
32) Benzoic acid	8.07	122	262678	35.879	ng		94
33) 4-Chloroaniline	8.37	127	700511	40.432	ng		96
34) Hexachlorobutadiene	8.44	225	345187	40.551	ng		99
35) Caprolactam	8.76	113	169810m	44.430	ng		
36) 4-Chloro-3-methylphenol	8.85	107	524787	39.887	ng		97
37) 2-Methylnaphthalene	9.02	142	1122656	39.912	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	565933	41.743	ng		98
40) Hexachlorocyclopentadiene	9.17	237	349051	39.860	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	371164	44.118	ng		98
43) 2,4,5-Trichlorophenol	9.34	196	405085	43.740	ng		95
45) 1,1'-Biphenyl	9.48	154	1340775	41.191	ng		99
46) 2-Chloronaphthalene	9.51	162	1060911	41.238	ng		99
47) 2-Nitroaniline	9.61	65	362619	43.562	ng		86
48) Acenaphthylene	9.94	152	1674304	41.166	ng		98
49) Dimethylphthalate	9.78	163	1235762	40.184	ng	#	99
50) 2,6-Dinitrotoluene	9.85	165	280125	43.538	ng		91
51) Acenaphthene	10.11	154	1021988	41.025	ng		99
52) 3-Nitroaniline	10.02	138	298866	42.454	ng		96
53) 2,4-Dinitrophenol	10.12	184	103280	46.149	ng	#	19
54) Dibenzofuran	10.28	168	1452427	40.243	ng		95
55) 4-Nitrophenol	10.17	139	226687	42.524	ng		85
56) 2,4-Dinitrotoluene	10.25	165	364991	44.071	ng	#	91
57) Fluorene	10.62	166	1156276	40.471	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	334659	43.233	ng	#	85
59) Diethylphthalate	10.48	149	1177013	39.525	ng		94
60) 4-Chlorophenyl-phenylether	10.61	204	594764	39.951	ng		94
61) 4-Nitroaniline	10.64	138	297913	42.804	ng		93
62) Azobenzene	10.77	77	1214054	39.477	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	141970	44.343	ng		94
65) n-Nitrosodiphenylamine	10.73	169	1047916	41.152	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	386155	41.236	ng	#	88
67) Hexachlorobenzene	11.17	284	404791	41.083	ng	#	89
68) Atrazine	11.25	200	353363	41.373	ng		94
69) Pentachlorophenol	11.37	266	189680	40.220	ng		97
70) Phenanthrene	11.59	178	1665146	40.969	ng		98
71) Anthracene	11.65	178	1707955	41.000	ng		98
72) Carbazole	11.80	167	1504765	40.657	ng		99
73) Di-n-butylphthalate	12.11	149	1740964	41.528	ng		99
74) Fluoranthene	12.79	202	1749805	39.447	ng		95
76) Benzidine	12.91	184	1025911	47.097	ng		99
77) Pyrene	13.02	202	1730321	46.878	ng		98
79) Butylbenzylphthalate	13.62	149	678443	46.288	ng		94
80) Benzo(a)anthracene	14.21	228	1380184	41.250	ng		98
81) 3,3'-Dichlorobenzidine	14.17	252	494527	41.242	ng	#	97
82) Chrysene	14.25	228	1254408	40.893	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	797846	40.198	ng		99
84) Di-n-octyl phthalate	14.80	149	1210735	39.998	ng		96
85) Indeno(1,2,3-cd)pyrene	17.42	276	1175447	44.225	ng	#	91
87) Benzo(b)fluoranthene	15.32	252	1098498	39.175	ng		96
88) Benzo(k)fluoranthene	15.35	252	1068715	41.461	ng	#	96
89) Benzo(a)pyrene	15.72	252	1038306	41.350	ng	#	96
90) Dibenzo(a,h)anthracene	17.44	278	961561	46.282	ng	#	94
91) Benzo(g,h,i)perylene	17.92	276	990865	48.434	ng	#	90

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

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