Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108010.D
Acq On : 8 Aug 2018 10:52
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:03 PM

Quant Time: Aug 08 11:55:49 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 11:29:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	266974	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1062218	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	558329	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1111510	20.00	ng		0.00
75) Chrysene-d12	14.22	240	868099	20.00	ng		0.00
86) Perylene-d12	15.78	264	715476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1438382	87.88	ng		0.00
7) Phenol-d6	6.63	99	1919543	86.93	ng		0.00
23) Nitrobenzene-d5	7.58	82	1873128	92.26	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	580045	92.10	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3145733	78.97	ng		0.00
78) Terphenyl-d14	13.15	244	3172733	81.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	378303	47.376	ng	#	88
3) Pyridine	3.68	79	989108	45.534	ng	#	82
4) n-Nitrosodimethylamine	3.65	42	560378	51.213	ng	#	79
6) Aniline	6.68	93	1326478	45.978	ng		93
8) 2-Chlorophenol	6.80	128	823117	44.419	ng		93
9) Benzaldehyde	6.57	77	749253	53.771	ng		94
10) Phenol	6.65	94	991798	43.704	ng		90
11) bis(2-Chloroethyl)ether	6.75	93	797003	42.752	ng		88
12) 1,3-Dichlorobenzene	6.96	146	933886	43.312	ng		97
13) 1,4-Dichlorobenzene	7.04	146	934898	43.143	ng		97
14) 1,2-Dichlorobenzene	7.19	146	864857	42.693	ng		98
15) Benzyl Alcohol	7.15	79	825879	44.986	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1654947	43.985	ng		96
17) 2-Methylphenol	7.25	107	708567	45.002	ng	#	95
18) Hexachloroethane	7.53	117	338833	44.660	ng		96
19) n-Nitroso-di-n-propylamine	7.43	70	658106	42.919	ng	#	88
20) 3+4-Methylphenols	7.41	107	895252	43.392	ng		97
22) Acetophenone	7.42	105	1188175	44.435	ng	#	91
24) Nitrobenzene	7.60	77	949840	44.383	ng		94
25) Isophorone	7.84	82	1761962	49.453	ng		97
26) 2-Nitrophenol	7.91	139	376587	44.869	ng	#	86
27) 2,4-Dimethylphenol	7.94	122	782781	49.146	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	1020962	45.113	ng		99
29) 2,4-Dichlorophenol	8.15	162	741976	44.944	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	793462	43.209	ng		98
31) Naphthalene	8.32	128	2273247	44.721	ng		96
32) Benzoic acid	8.05	122	460209m	44.223	ng		
33) 4-Chloroaniline	8.37	127	1014146	43.910	ng		94
34) Hexachlorobutadiene	8.44	225	504295	42.789	ng		100
35) Caprolactam	8.75	113	237905	43.916	ng	#	71
36) 4-Chloro-3-methylphenol	8.84	107	795936	44.666	ng		98
37) 2-Methylnaphthalene	9.01	142	1630828	47.211	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	822641	43.331	ng		98
40) Hexachlorocyclopentadiene	9.17	237	570725	52.458	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	541950	42.909	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	596596	46.019	ng		97
45) 1,1'-Biphenyl	9.48	154	1933283	41.452	ng		97
46) 2-Chloronaphthalene	9.51	162	1549172	42.093	ng		98
47) 2-Nitroaniline	9.60	65	548705	45.703	ng	#	83
48) Acenaphthylene	9.93	152	2380454	43.861	ng		94
49) Dimethylphthalate	9.78	163	1861698	43.777	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	419151	45.922	ng	#	84
51) Acenaphthene	10.10	154	1505147	43.535	ng		98
52) 3-Nitroaniline	10.02	138	450734	43.948	ng		94
53) 2,4-Dinitrophenol	10.12	184	142624	51.132	ng	#	20
54) Dibenzofuran	10.27	168	2131563	42.081	ng		91
55) 4-Nitrophenol	10.16	139	341184	45.280	ng	#	81
56) 2,4-Dinitrotoluene	10.25	165	547157	47.544	ng	#	89
57) Fluorene	10.62	166	1692474	44.521	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	508473	46.880	ng		89
59) Diethylphthalate	10.48	149	1809333	42.968	ng	#	94
60) 4-Chlorophenyl-phenylether	10.61	204	896633	41.476	ng		92
61) 4-Nitroaniline	10.64	138	454824	46.237	ng		90
62) Azobenzene	10.77	77	1870565	43.290	ng		90
64) 4,6-Dinitro-2-methylphenol	10.66	198	209061	44.103	ng		88
65) n-Nitrosodiphenylamine	10.72	169	1577882	42.651	ng		99
66) 4-Bromophenyl-phenylether	11.10	248	590486	43.545	ng	#	87
67) Hexachlorobenzene	11.17	284	619212	42.905	ng		90
68) Atrazine	11.25	200	550960	46.468	ng		98
69) Pentachlorophenol	11.35	266	326045	37.303	ng		97
70) Phenanthrene	11.59	178	2446347	44.296	ng		94
71) Anthracene	11.64	178	2488990	43.579	ng		94
72) Carbazole	11.79	167	2258422	41.358	ng		95
73) Di-n-butylphthalate	12.11	149	2603428	41.258	ng	#	96
74) Fluoranthene	12.78	202	2680008	43.127	ng		94
76) Benzidine	12.90	184	1707958	52.522	ng	#	92
77) Pyrene	13.02	202	2680064	44.891	ng		94
79) Butylbenzylphthalate	13.62	149	1153151	46.028	ng	#	97
80) Benzo(a)anthracene	14.21	228	2393613	45.816	ng		94
81) 3,3'-Dichlorobenzidine	14.17	252	901402	44.605	ng	#	96
82) Chrysene	14.25	228	2175320	44.634	ng		95
83) Bis(2-ethylhexyl)phthalate	14.18	149	1497170	44.286	ng	#	96
84) Di-n-octyl phthalate	14.81	149	2325267	45.278	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.39	276	1932583	46.946	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	2102617	49.290	ng		96
88) Benzo(k)fluoranthene	15.34	252	1948545	46.969	ng	#	95
89) Benzo(a)pyrene	15.71	252	1906107	49.019	ng		96
90) Dibenzo(a,h)anthracene	17.42	278	1602511	49.189	ng	#	93
91) Benzo(g,h,i)perylene	17.90	276	1581433	50.126	ng	#	90

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

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