Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108007.D
Acq On : 8 Aug 2018 9:33
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
8/9/2018 5:00:58 PM

Quant Time: Aug 08 11:40:59 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	7.01	152	278022	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1073279	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	585669	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1209214	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1074726	20.00	ng		0.00
86) Perylene-d12	15.77	264	952244	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	327898	19.24	ng		0.00
7) Phenol-d6	6.61	99	432385	18.80	ng		-0.02
23) Nitrobenzene-d5	7.57	82	409092	19.94	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	120827	18.29	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	882585	21.12	ng		0.00
78) Terphenyl-d14	13.14	244	955337	19.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	78214	9.406	ng	#	86
3) Pyridine	3.68	79	203919	9.014	ng	#	83
4) n-Nitrosodimethylamine	3.63	42	111717	9.804	ng		82
6) Aniline	6.67	93	285669	9.508	ng		97
8) 2-Chlorophenol	6.80	128	181551	9.408	ng		100
9) Benzaldehyde	6.57	77	165562	11.410	ng		97
10) Phenol	6.63	94	222447	9.413	ng		94
11) bis(2-Chloroethyl)ether	6.74	93	179945	9.269	ng		90
12) 1,3-Dichlorobenzene	6.95	146	209926	9.349	ng		98
13) 1,4-Dichlorobenzene	7.03	146	210407	9.324	ng		98
14) 1,2-Dichlorobenzene	7.18	146	203770	9.659	ng		97
15) Benzyl Alcohol	7.14	79	173825	9.092	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	370639	9.459	ng		94
17) 2-Methylphenol	7.24	107	151417	9.234	ng	#	93
18) Hexachloroethane	7.53	117	72795	9.213	ng		89
19) n-Nitroso-di-n-propylamine	7.41	70	144081	9.023	ng	#	83
20) 3+4-Methylphenols	7.40	107	201385	9.373	ng		91
22) Acetophenone	7.41	105	275244	10.187	ng	#	93
24) Nitrobenzene	7.59	77	204889	9.475	ng		95
25) Isophorone	7.82	82	388259	10.785	ng		97
26) 2-Nitrophenol	7.91	139	64949	7.659	ng		94
27) 2,4-Dimethylphenol	7.93	122	174395	10.836	ng		98
28) bis(2-Chloroethoxy)methane	8.03	93	230685	10.088	ng		99
29) 2,4-Dichlorophenol	8.14	162	160422	9.617	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	178574	9.624	ng		95
31) Naphthalene	8.32	128	558031	10.865	ng		100
32) Benzoic acid	7.99	122	58436	5.557	ng		90
33) 4-Chloroaniline	8.36	127	236708	10.143	ng		97
34) Hexachlorobutadiene	8.43	225	111018	9.323	ng		97
35) Caprolactam	8.70	113	48907	8.935	ng	#	75
36) 4-Chloro-3-methylphenol	8.82	107	172852	9.600	ng		97
37) 2-Methylnaphthalene	9.01	142	391037	11.204	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	194381	9.761	ng		98
40) Hexachlorocyclopentadiene	9.16	237	112552	9.862	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	111940	8.449	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	124749	9.173	ng	#	92
45) 1,1'-Biphenyl	9.48	154	486059	9.935	ng		97
46) 2-Chloronaphthalene	9.50	162	374923	9.712	ng		97
47) 2-Nitroaniline	9.59	65	110517	8.775	ng	#	80
48) Acenaphthylene	9.92	152	609456	10.705	ng		99
49) Dimethylphthalate	9.77	163	450199	10.092	ng		100
50) 2,6-Dinitrotoluene	9.83	165	90644	9.467	ng	#	84
51) Acenaphthene	10.10	154	357855	9.867	ng		99
52) 3-Nitroaniline	10.00	138	97672	9.079	ng		86
53) 2,4-Dinitrophenol	10.11	184	16523	5.647	ng	#	54
54) Dibenzofuran	10.27	168	545716	10.271	ng		99
55) 4-Nitrophenol	10.14	139	66617	8.428	ng		82
56) 2,4-Dinitrotoluene	10.24	165	110437	9.148	ng		99
57) Fluorene	10.61	166	431560	10.822	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	101283	8.902	ng		90
59) Diethylphthalate	10.47	149	441278	9.990	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	221766	9.780	ng		89
61) 4-Nitroaniline	10.61	138	97136	9.414	ng		95
62) Azobenzene	10.76	77	455063	10.040	ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	28220	5.472	ng		90
65) n-Nitrosodiphenylamine	10.71	169	390554	9.704	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	140494	9.524	ng	#	83
67) Hexachlorobenzene	11.16	284	149063	9.494	ng	#	87
68) Atrazine	11.24	200	130669	10.130	ng		95
69) Pentachlorophenol	11.35	266	54369	5.718	ng		97
70) Phenanthrene	11.58	178	664906	11.067	ng		99
71) Anthracene	11.63	178	680978	10.960	ng		100
72) Carbazole	11.78	167	600751	10.113	ng		99
73) Di-n-butylphthalate	12.11	149	689497	10.044	ng		99
74) Fluoranthene	12.78	202	723602	10.704	ng		94
76) Benzidine	12.90	184	407938	10.133	ng		98
77) Pyrene	13.01	202	730674	9.886	ng		98
79) Butylbenzylphthalate	13.62	149	266685	8.598	ng	#	96
80) Benzo(a)anthracene	14.20	228	670780	10.371	ng		98
81) 3,3'-Dichlorobenzidine	14.16	252	236802	9.465	ng	#	97
82) Chrysene	14.24	228	623092	10.327	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	388457	9.281	ng		100
84) Di-n-octyl phthalate	14.80	149	570391	8.971	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.38	276	497988	9.771	ng	#	91
87) Benzo(b)fluoranthene	15.30	252	579065m	10.199	ng		
88) Benzo(k)fluoranthene	15.33	252	586093	10.615	ng	#	96
89) Benzo(a)pyrene	15.70	252	535146	10.340	ng	#	97
90) Dibenzo(a,h)anthracene	17.40	278	407042	9.388	ng	#	95
91) Benzo(g,h,i)perylene	17.87	276	394861	9.404	ng	#	91

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

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