Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111407.D
Acq On : 14 Dec 2018 9:44
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
12/17/2018 2:36:01 PM

Quant Time: Dec 14 13:19:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 11:42:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	225906	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	957784	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	475699	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	882799	20.00	ng		0.00
76) Chrysene-d12	13.94	240	753217	20.00	ng		0.00
87) Perylene-d12	15.39	264	695603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	69356	5.19	ng		0.00
7) Phenol-d6	6.43	99	96161	5.34	ng		-0.01
23) Nitrobenzene-d5	7.35	82	84151	4.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	21999	5.25	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	186536	6.30	ng		0.00
79) Terphenyl-d14	12.89	244	179424	5.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	17957	2.691	ng		93
3) Pyridine	3.28	79	36785	2.244	ng		98
4) n-Nitrosodimethylamine	3.19	42	16398m	2.144	ng		
6) Aniline	6.45	93	57972	2.660	ng		95
8) 2-Chlorophenol	6.57	128	41668	2.538	ng		97
9) Benzaldehyde	6.33	77	30879	2.755	ng		96
10) Phenol	6.44	94	51615	2.530	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	42119	2.624	ng		95
12) 1,3-Dichlorobenzene	6.73	146	47410	2.667	ng		95
13) 1,4-Dichlorobenzene	6.81	146	47455	2.637	ng		98
14) 1,2-Dichlorobenzene	6.96	146	46716	2.806	ng		96
15) Benzyl Alcohol	6.93	79	34857	2.527	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	81099	2.608	ng		98
17) 2-Methylphenol	7.05	107	32680	2.463	ng		97
18) Hexachloroethane	7.30	117	17251	2.582	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	30182	2.522	ng		96
20) 3+4-Methylphenols	7.20	107	43459	2.747	ng	#	71
22) Acetophenone	7.19	105	59471	2.673	ng	#	84
24) Nitrobenzene	7.36	77	44053	2.517	ng		98
25) Isophorone	7.60	82	70877	2.455	ng		95
26) 2-Nitrophenol	7.69	139	19909	2.314	ng		97
27) 2,4-Dimethylphenol	7.73	122	30494	2.335	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	49689	2.508	ng		97
29) 2,4-Dichlorophenol	7.93	162	29649	2.176	ng		88
30) 1,2,4-Trichlorobenzene	8.02	180	35297	2.521	ng		97
31) Naphthalene	8.09	128	123279	2.763	ng		96
33) 4-Chloroaniline	8.15	127	51353	2.695	ng	#	93
34) Hexachlorobutadiene	8.22	225	19950	2.569	ng		95
35) Caprolactam	8.46	113	10793	2.261	ng		93
36) 4-Chloro-3-methylphenol	8.63	107	36782	2.534	ng		98
37) 2-Methylnaphthalene	8.79	142	78886	2.735	ng		93
38) 1-Methylnaphthalene	8.89	142	79539	2.857	ng		95
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	34855	2.607	ng		96
41) Hexachlorocyclopentadiene	8.95	237	12607	1.806	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	22730	2.375	ng		93
44) 2,4,5-Trichlorophenol	9.11	196	24282	2.401	ng		93
46) 1,1'-Biphenyl	9.25	154	111733	2.753	ng		93
47) 2-Chloronaphthalene	9.27	162	80749	2.598	ng		91
48) 2-Nitroaniline	9.37	65	23256	2.302	ng		87
49) Acenaphthylene	9.69	152	125108	2.755	ng		95
50) Dimethylphthalate	9.55	163	89246	2.609	ng		97
51) 2,6-Dinitrotoluene	9.60	165	17989	2.372	ng		93
52) Acenaphthene	9.86	154	77054	2.690	ng		97
53) 3-Nitroaniline	9.77	138	21319	2.339	ng		99
55) Dibenzofuran	10.03	168	116137	2.809	ng	#	89
56) 4-Nitrophenol	9.96	139	11985	1.826	ng		97
57) 2,4-Dinitrotoluene	10.00	165	23868	2.456	ng	#	85
58) Fluorene	10.37	166	90227	3.050	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	19445m	2.489	ng		
61) 4-Chlorophenyl-phenylether	10.37	204	42418	2.893	ng		95
62) 4-Nitroaniline	10.38	138	21967	2.508	ng		95
63) Azobenzene	10.53	77	92008	2.650	ng		96
66) n-Nitrosodiphenylamine	10.48	169	82191	2.617	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	24909	2.535	ng		97
68) Hexachlorobenzene	10.93	284	25055	2.476	ng		98
69) Atrazine	11.01	200	23713	2.611	ng		96
71) Phenanthrene	11.33	178	128244	2.811	ng		93
72) Anthracene	11.39	178	130887m	2.817	ng		
73) Carbazole	11.54	167	132788	2.764	ng		96
74) Di-n-butylphthalate	11.87	149	148071	2.707	ng		96
75) Fluoranthene	12.52	202	127693m	2.867	ng		
77) Benzidine	12.64	184	75261	5.295	ng	#	93
78) Pyrene	12.74	202	137216	2.360	ng		95
80) Butylbenzylphthalate	13.37	149	61199	2.193	ng		98
81) Benzo(a)anthracene	13.93	228	114706	2.722	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	44797	2.811	ng		98
83) Chrysene	13.97	228	115653m	2.690	ng		
84) Bis(2-ethylhexyl)phthalate	13.93	149	86630	2.539	ng		97
85) Di-n-octyl phthalate	14.54	149	141753	2.530	ng		99
86) Indeno(1,2,3-cd)pyrene	16.79	276	89348	2.657	ng		98
88) Benzo(b)fluoranthene	14.97	252	97858	2.474	ng		97
89) Benzo(k)fluoranthene	14.99	252	97780	2.477	ng		97
90) Benzo(a)pyrene	15.32	252	92658	2.516	ng		95
91) Dibenzo(a,h)anthracene	16.81	278	74857	2.443	ng	#	92
92) Benzo(g,h,i)perylene	17.22	276	69002	2.252	ng		97

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

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