Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110077.D
Acq On : 23 Oct 2018 14:00
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
10/24/2018 5:11:49 PM

Quant Time: Oct 23 14:33:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 12:51:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170180	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	703267	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	331402	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	618209	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	409397	20.00	ng		0.00
87) Perylene-d12	15.67	264	344538	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1532052	142.70	ng		-0.01
7) Phenol-d6	6.60	99	1940982	145.60	ng		0.00
23) Nitrobenzene-d5	7.55	82	1806152	173.01	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	471681	164.40	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	2868884	138.13	ng		0.00
79) Terphenyl-d14	13.09	244	2856986	146.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	421421	69.111	ng		92
3) Pyridine	3.60	79	987760	72.659	ng		88
4) n-Nitrosodimethylamine	3.57	42	413967	74.648	ng		95
6) Aniline	6.65	93	1318985	73.417	ng	#	54
8) 2-Chlorophenol	6.76	128	881904	73.334	ng		96
9) Benzaldehyde	6.52	77	454341	52.444	ng		98
10) Phenol	6.62	94	1065747	74.045	ng	#	69
11) bis(2-Chloroethyl)ether	6.71	93	876643	72.843	ng		94
12) 1,3-Dichlorobenzene	6.91	146	968350	73.433	ng		99
13) 1,4-Dichlorobenzene	6.99	146	969320	72.988	ng		97
14) 1,2-Dichlorobenzene	7.15	146	875337	71.577	ng		99
15) Benzyl Alcohol	7.12	79	760869	74.186	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1368228	69.267	ng		68
17) 2-Methylphenol	7.22	107	725770	74.842	ng	#	82
18) Hexachloroethane	7.48	117	364029	77.565	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	630780	73.692	ng		97
20) 3+4-Methylphenols	7.37	107	858812	69.790	ng		96
22) Acetophenone	7.39	105	1167007	71.555	ng		97
24) Nitrobenzene	7.56	77	918120	80.954	ng		93
25) Isophorone	7.80	82	1579421	76.996	ng		96
26) 2-Nitrophenol	7.87	139	485052	103.152	ng		97
27) 2,4-Dimethylphenol	7.90	122	733187	74.205	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	1023239	72.683	ng		99
29) 2,4-Dichlorophenol	8.11	162	734877	76.669	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	809994	75.474	ng		94
31) Naphthalene	8.28	128	2289673	70.999	ng		98
32) Benzoic acid	8.06	122	669645	108.775	ng		96
33) 4-Chloroaniline	8.33	127	1073876	74.077	ng		98
34) Hexachlorobutadiene	8.39	225	448949	75.861	ng		99
35) Caprolactam	8.73	113	261094m	76.700	ng		
36) 4-Chloro-3-methylphenol	8.81	107	797587	78.878	ng		92
37) 2-Methylnaphthalene	8.97	142	1518810	72.731	ng		99
38) 1-Methylnaphthalene	9.07	142	1465403	72.419	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	739156	72.413	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	426776	86.624	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	503271	78.850	ng		94
44) 2,4,5-Trichlorophenol	9.29	196	527997	79.705	ng		95
46) 1,1'-Biphenyl	9.44	154	2071658	70.162	ng		98
47) 2-Chloronaphthalene	9.46	162	1570799	72.223	ng		97
48) 2-Nitroaniline	9.56	65	524883	94.040	ng		97
49) Acenaphthylene	9.88	152	2218140	70.204	ng		96
50) Dimethylphthalate	9.74	163	1807555	77.028	ng		99
51) 2,6-Dinitrotoluene	9.80	165	405191	90.910	ng		93
52) Acenaphthene	10.05	154	1504743	74.805	ng		99
53) 3-Nitroaniline	9.97	138	477970	88.159	ng		95
54) 2,4-Dinitrophenol	10.07	184	169802	148.919	ng		91
55) Dibenzofuran	10.23	168	2017850	70.339	ng		97
56) 4-Nitrophenol	10.13	139	368277	89.022	ng		96
57) 2,4-Dinitrotoluene	10.21	165	529118	101.019	ng		91
58) Fluorene	10.57	166	1476645	70.710	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	417472	79.518	ng		93
60) Diethylphthalate	10.43	149	1698910	73.301	ng		98
61) 4-Chlorophenyl-phenylether	10.56	204	782594	71.942	ng		100
62) 4-Nitroaniline	10.60	138	474936	92.540	ng		93
63) Azobenzene	10.72	77	1667756	68.879	ng		96
65) 4,6-Dinitro-2-methylphenol	10.62	198	249018	125.681	ng		98
66) n-Nitrosodiphenylamine	10.68	169	1454035	70.618	ng		95
67) 4-Bromophenyl-phenylether	11.05	248	488689	72.941	ng		98
68) Hexachlorobenzene	11.12	284	514264	71.981	ng	#	91
69) Atrazine	11.20	200	427325	66.441	ng		99
70) Pentachlorophenol	11.30	266	345681	85.019	ng		98
71) Phenanthrene	11.53	178	2245414	70.158	ng		98
72) Anthracene	11.59	178	2247871	69.860	ng		99
73) Carbazole	11.74	167	2203974	69.695	ng		97
74) Di-n-butylphthalate	12.06	149	2470131	69.992	ng		99
75) Fluoranthene	12.73	202	2228318	69.695	ng		99
77) Benzidine	12.84	184	746546	47.560	ng		96
78) Pyrene	12.96	202	2292324	76.236	ng		99
80) Butylbenzylphthalate	13.56	149	1040331	85.578	ng		96
81) Benzo(a)anthracene	14.14	228	1829012	75.847	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	531540	62.874	ng		99
83) Chrysene	14.19	228	1692758	73.748	ng		100
84) Bis(2-ethylhexyl)phthalate	14.11	149	1315849	82.261	ng		97
85) Di-n-octyl phthalate	14.73	149	2029340	89.986	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1595380	86.325	ng		96
88) Benzo(b)fluoranthene	15.22	252	1542360	77.649	ng		98
89) Benzo(k)fluoranthene	15.26	252	1417040	72.378	ng	#	97
90) Benzo(a)pyrene	15.62	252	1407280	77.032	ng		98
91) Dibenzo(a,h)anthracene	17.27	278	1281074	79.127	ng		98
92) Benzo(g,h,i)perylene	17.73	276	1332985	81.489	ng		96

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

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