Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111319.D
Acq On : 12 Dec 2018 12:32
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
12/13/2018 6:05:57 PM

Quant Time: Dec 12 13:14:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 11:40:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	330279	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1350490	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	624720	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1041986	20.00	ng		0.00
76) Chrysene-d12	13.96	240	581117	20.00	ng		0.00
87) Perylene-d12	15.39	264	532215	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2859169	136.70	ng		0.00
7) Phenol-d6	6.45	99	3740666	143.91	ng		0.01
23) Nitrobenzene-d5	7.37	82	3578684	148.63	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	757714	136.92	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	5074068	128.12	ng		0.00
79) Terphenyl-d14	12.91	244	3847065	158.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	742913	69.226	ng		98
3) Pyridine	3.26	79	2001145	70.189	ng		98
4) n-Nitrosodimethylamine	3.22	42	914352	75.219	ng		90
6) Aniline	6.47	93	2505826	72.303	ng		99
8) 2-Chlorophenol	6.59	128	1699191	71.470	ng		96
10) Phenol	6.46	94	2157900	70.998	ng		80
11) bis(2-Chloroethyl)ether	6.54	93	1741041	74.067	ng		96
12) 1,3-Dichlorobenzene	6.74	146	1871364	73.256	ng		97
13) 1,4-Dichlorobenzene	6.82	146	1887224	73.165	ng		98
14) 1,2-Dichlorobenzene	6.97	146	1668085	69.336	ng		99
15) Benzyl Alcohol	6.95	79	1428142	69.428	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3286638	74.681	ng		99
17) 2-Methylphenol	7.06	107	1428323	73.586	ng	#	94
18) Hexachloroethane	7.32	117	723925	73.715	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	1277528	73.368	ng		96
20) 3+4-Methylphenols	7.22	107	1557202	67.448	ng		90
22) Acetophenone	7.22	105	2240294	72.500	ng	#	99
24) Nitrobenzene	7.39	77	1856453	74.081	ng		98
25) Isophorone	7.63	82	3129154	76.303	ng		100
26) 2-Nitrophenol	7.70	139	954929	76.696	ng		96
27) 2,4-Dimethylphenol	7.75	122	1380518	71.754	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	2050892	72.219	ng		100
29) 2,4-Dichlorophenol	7.95	162	1422085	72.287	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1432204	73.908	ng		99
31) Naphthalene	8.10	128	4272319	72.485	ng		99
32) Benzoic acid	7.91	122	1311276m	82.418	ng		
33) 4-Chloroaniline	8.15	127	2069509	73.104	ng		99
34) Hexachlorobutadiene	8.23	225	789502	73.807	ng		98
35) Caprolactam	8.56	113	521452m	74.801	ng		
36) 4-Chloro-3-methylphenol	8.65	107	1502681	74.603	ng		98
37) 2-Methylnaphthalene	8.80	142	2812776	71.879	ng		98
38) 1-Methylnaphthalene	8.90	142	2680767	69.954	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	1190864	68.507	ng		99
41) Hexachlorocyclopentadiene	8.95	237	681888	68.880	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	907347	69.538 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	971145	71.447 ng	96
46) 1,1'-Biphenyl	9.26	154	3513380	66.903 ng	99
47) 2-Chloronaphthalene	9.29	162	2802983	68.572 ng	99
48) 2-Nitroaniline	9.38	65	1002655	71.905 ng	96
49) Acenaphthylene	9.70	152	3939813	66.392 ng	99
50) Dimethylphthalate	9.57	163	3145219	68.233 ng	99
51) 2,6-Dinitrotoluene	9.63	165	739876	72.681 ng	94
52) Acenaphthene	9.87	154	2593857	69.653 ng	99
53) 3-Nitroaniline	9.80	138	894039	71.153 ng	93
54) 2,4-Dinitrophenol	9.90	184	347707	86.436 ng	86
55) Dibenzofuran	10.05	168	3565506	70.377 ng	98
56) 4-Nitrophenol	9.96	139	676882	69.169 ng	97
57) 2,4-Dinitrotoluene	10.03	165	965175	76.910 ng	91
58) Fluorene	10.39	166	2499478	63.755 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	720623	69.942 ng	99
60) Diethylphthalate	10.27	149	3029700	68.942 ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	1233916	63.389 ng	99
62) 4-Nitroaniline	10.42	138	870856	73.250 ng	99
63) Azobenzene	10.54	77	3153607	69.119 ng	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	499891	88.913 ng	99
66) n-Nitrosodiphenylamine	10.50	169	2568485	72.413 ng	100
67) 4-Bromophenyl-phenylether	10.87	248	816976	71.585 ng	98
68) Hexachlorobenzene	10.94	284	840387	72.386 ng	96
69) Atrazine	11.03	200	680598	63.100 ng	97
70) Pentachlorophenol	11.13	266	604017	71.718 ng	96
71) Phenanthrene	11.34	178	3610104	68.690 ng	99
72) Anthracene	11.40	178	3639622	66.193 ng	99
73) Carbazole	11.55	167	3802994	66.145 ng	100
74) Di-n-butylphthalate	11.89	149	4209046	71.224 ng	100
75) Fluoranthene	12.53	202	3441547	71.684 ng	99
78) Pyrene	12.76	202	3515600	84.658 ng	100
80) Butylbenzylphthalate	13.38	149	1722105	79.395 ng	97
81) Benzo(a)anthracene	13.94	228	2313403	71.357 ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	815348	61.359 ng	99
83) Chrysene	13.99	228	2438217	72.951 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1959173	76.014 ng	99
85) Di-n-octyl phthalate	14.56	149	3185880	73.747 ng	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2348763	87.057 ng	96
88) Benzo(b)fluoranthene	14.98	252	2167400	73.639 ng	99
89) Benzo(k)fluoranthene	15.01	252	2157257	77.958 ng	99
90) Benzo(a)pyrene	15.34	252	2072299	76.458 ng	98
91) Dibenzo(a,h)anthracene	16.83	278	1904885	89.479 ng	98
92) Benzo(g,h,i)perylene	17.24	276	2007519	94.203 ng	95

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

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