Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115082.D
Acq On : 21 Jun 2019 16:25
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:08 PM

Quant Time: Jun 21 17:55:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 16:30:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	194831	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	807341	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	398355	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	790612	20.00	ng		0.00
76) Chrysene-d12	13.75	240	501120	20.00	ng		0.00
87) Perylene-d12	15.12	264	688354	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	2221076	190.36	ng		0.01
7) Phenol-d6	6.27	99	2620996	186.22	ng		0.02
23) Nitrobenzene-d5	7.20	82	2430401	181.20	ng		0.01
42) 2,4,6-Tribromophenol	10.44	330	739396	173.33	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.72	244	4147821	155.68	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	569101	104.200	ng		99
3) Pyridine	2.87	79	1638445	106.553	ng		98
4) n-Nitrosodimethylamine	2.83	42	637703	116.812	ng		99
6) Aniline	6.30	93	1831677	97.175	ng		99
8) 2-Chlorophenol	6.41	128	1249704	94.456	ng		99
9) Benzaldehyde	6.17	77	803132	99.254	ng		99
10) Phenol	6.28	94	1569104	99.642	ng		91
11) bis(2-Chloroethyl)ether	6.37	93	1157068	94.667	ng		98
12) 1,3-Dichlorobenzene	6.57	146	1378820	89.223	ng		99
13) 1,4-Dichlorobenzene	6.64	146	1368013	88.053	ng		97
14) 1,2-Dichlorobenzene	6.80	146	1212404	82.889	ng		97
15) Benzyl Alcohol	6.78	79	906563	85.967	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1709919	104.527	ng		99
17) 2-Methylphenol	6.88	107	1091642	98.921	ng		99
18) Hexachloroethane	7.14	117	510664	91.016	ng		96
19) n-Nitroso-di-n-propylamine	7.07	70	894824	104.638	ng		98
20) 3+4-Methylphenols	7.05	107	1126804	85.793	ng	#	76
22) Acetophenone	7.04	105	1607222	87.944	ng	#	97
24) Nitrobenzene	7.21	77	1324386	97.048	ng		99
25) Isophorone	7.46	82	2535433	100.928	ng		100
26) 2-Nitrophenol	7.52	139	720793	94.760	ng		97
27) 2,4-Dimethylphenol	7.57	122	1072563	97.745	ng		98
28) bis(2-Chloroethoxy)methane	7.67	93	1516876	94.115	ng		98
29) 2,4-Dichlorophenol	7.77	162	1104800	95.306	ng		97
30) 1,2,4-Trichlorobenzene	7.85	180	1191321	88.941	ng		99
31) Naphthalene	7.93	128	3249779	85.076	ng		97
32) Benzoic acid	7.74	122	979951	123.427	ng		99
33) 4-Chloroaniline	7.98	127	1663999	94.370	ng		98
34) Hexachlorobutadiene	8.05	225	631671	84.843	ng		98
35) Caprolactam	8.39	113	427532m	110.734	ng		
36) 4-Chloro-3-methylphenol	8.47	107	1122277	96.069	ng		98
37) 2-Methylnaphthalene	8.62	142	2232552	87.628	ng		97
38) 1-Methylnaphthalene	8.72	142	2110420	87.643	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	933363	79.308	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	585514	100.964	ng		99
43) 2,4,6-Trichlorophenol	8.90	196	811682	92.339	ng		100
44) 2,4,5-Trichlorophenol	8.94	196	819342	92.233	ng		99
47) 2-Chloronaphthalene	9.11	162	2169896	84.060	ng		95
48) 2-Nitroaniline	9.20	65	728148	95.434	ng		95
49) Acenaphthylene	9.52	152	3277823	82.588	ng		97
50) Dimethylphthalate	9.40	163	2562844	85.548	ng		99
51) 2,6-Dinitrotoluene	9.45	165	662180	97.443	ng		99
52) Acenaphthene	9.70	154	2144775	94.454	ng		99
53) 3-Nitroaniline	9.62	138	778832	93.542	ng		99
54) 2,4-Dinitrophenol	9.71	184	360908	109.493	ng		93
56) 4-Nitrophenol	9.78	139	652973	113.726	ng		93
57) 2,4-Dinitrotoluene	9.85	165	830651	96.036	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	9.98	232	684264	95.359	ng		99
60) Diethylphthalate	10.10	149	2573179	89.831	ng		98
62) 4-Nitroaniline	10.24	138	822464	98.248	ng		97
63) Azobenzene	10.36	77	2329481	92.957	ng		98
65) 4,6-Dinitro-2-methylphenol	10.26	198	443528	100.091	ng		93
66) n-Nitrosodiphenylamine	10.32	169	2068321	87.519	ng		98
67) 4-Bromophenyl-phenylether	10.68	248	749835	88.332	ng		99
68) Hexachlorobenzene	10.75	284	805524	86.192	ng		96
69) Atrazine	10.85	200	699672	91.825	ng		99
70) Pentachlorophenol	10.94	266	548338	108.038	ng		97
73) Carbazole	11.36	167	3215061	89.446	ng		97
74) Di-n-butylphthalate	11.71	149	3570652	78.797	ng		98
75) Fluoranthene	12.34	202	3443900	82.507	ng		99
77) Benzidine	12.46	184	1847952	91.171	ng	#	91
78) Pyrene	12.56	202	3626417	79.438	ng		96
80) Butylbenzylphthalate	13.20	149	1740526	81.628	ng		99
81) Benzo(a)anthracene	13.74	228	3463973	92.373	ng		97
82) 3,3'-Dichlorobenzidine	13.72	252	1213213	84.386	ng		98
83) Chrysene	13.79	228	3058350	82.015	ng		97
84) Bis(2-ethylhexyl)phthalate	13.77	149	2128639	84.466	ng	#	98
85) Di-n-octyl phthalate	14.38	149	3601838	82.997	ng		99
86) Indeno(1,2,3-cd)pyrene	16.42	276	3971013	121.229	ng		99
88) Benzo(b)fluoranthene	14.75	252	4146545	90.616	ng		98
90) Benzo(a)pyrene	15.08	252	3447821	87.319	ng		99
91) Dibenzo(a,h)anthracene	16.44	278	3083228	90.671	ng		99
92) Benzo(g,h,i)perylene	16.81	276	3185036	91.842	ng		97

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

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