Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
Data File : BF117780.D
Acq On : 13 Nov 2019 17:18
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
11/14/2019 2:08:21 PM

Quant Time: Nov 13 18:36:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:36:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	276473	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	990245	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	502429	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	954392	20.00	ng		0.00
76) Chrysene-d12	14.12	240	538568	20.00	ng		0.00
87) Perylene-d12	15.63	264	485978	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	2120057	138.81	ng		0.00
7) Phenol-d6	6.56	99	2603779	138.26	ng		0.01
23) Nitrobenzene-d5	7.50	82	2543762	151.66	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	799735	162.72	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	4040208	158.66	ng		0.00
79) Terphenyl-d14	13.06	244	4244585	162.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	532407	69.960	ng		100
3) Pyridine	3.49	79	1447469	69.148	ng		99
4) n-Nitrosodimethylamine	3.47	42	633402	68.663	ng		99
6) Aniline	6.60	93	1839060	69.582	ng		99
8) 2-Chlorophenol	6.72	128	1202802	70.791	ng		98
9) Benzaldehyde	6.47	77	729119	55.643	ng		99
10) Phenol	6.57	94	1411719	69.567	ng		95
11) bis(2-Chloroethyl)ether	6.67	93	1122100	66.963	ng		97
12) 1,3-Dichlorobenzene	6.87	146	1409080	71.544	ng		97
13) 1,4-Dichlorobenzene	6.95	146	1420042	72.027	ng		98
14) 1,2-Dichlorobenzene	7.10	146	1273436	70.151	ng		99
15) Benzyl Alcohol	7.07	79	1068163	71.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1699755	64.154	ng		98
17) 2-Methylphenol	7.17	107	1049983	71.953	ng		98
18) Hexachloroethane	7.45	117	532451	73.064	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	834290	67.375	ng		99
20) 3+4-Methylphenols	7.33	107	1180977	67.965	ng	#	89
22) Acetophenone	7.35	105	1617071	71.449	ng		98
24) Nitrobenzene	7.52	77	1305257	74.524	ng		98
25) Isophorone	7.76	82	2335767	72.811	ng		98
26) 2-Nitrophenol	7.83	139	677265	83.294	ng		93
27) 2,4-Dimethylphenol	7.86	122	996835	72.707	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	1433994	69.636	ng		100
29) 2,4-Dichlorophenol	8.07	162	1060984	75.113	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	1210295	74.848	ng		100
31) Naphthalene	8.24	128	3288164	72.647	ng		97
32) Benzoic acid	8.01	122	943370	86.923	ng		97
33) 4-Chloroaniline	8.29	127	1516897	72.125	ng		98
34) Hexachlorobutadiene	8.36	225	708425	76.505	ng		99
35) Caprolactam	8.68	113	355596m	75.954	ng		
36) 4-Chloro-3-methylphenol	8.77	107	1089944	76.469	ng		98
37) 2-Methylnaphthalene	8.93	142	2225962	72.239	ng		98
38) 1-Methylnaphthalene	9.03	142	2092423	71.507	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	1073631	78.109	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	651624	87.875	ng		99
43) 2,4,6-Trichlorophenol	9.21	196	801807	80.094	ng		97
44) 2,4,5-Trichlorophenol	9.25	196	834438	82.233	ng		97
46) 1,1'-Biphenyl	9.40	154	2652727	75.387	ng		98
47) 2-Chloronaphthalene	9.43	162	2248361	76.996	ng		97
48) 2-Nitroaniline	9.52	65	755545	82.564	ng		91
49) Acenaphthylene	9.85	152	3189653	75.004	ng		97
50) Dimethylphthalate	9.70	163	2635899	77.604	ng		100
51) 2,6-Dinitrotoluene	9.76	165	610382	80.253	ng		97
52) Acenaphthene	10.02	154	2121302	77.303	ng		99
53) 3-Nitroaniline	9.93	138	737153	80.335	ng		99
54) 2,4-Dinitrophenol	10.03	184	319297	122.454	ng	#	85
55) Dibenzofuran	10.19	168	2846488	74.130	ng		96
56) 4-Nitrophenol	10.09	139	563832	81.706	ng		95
57) 2,4-Dinitrotoluene	10.17	165	799755	81.970	ng		98
58) Fluorene	10.53	166	2118267	74.850	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	678374	80.422	ng		97
60) Diethylphthalate	10.40	149	2531368	75.781	ng		97
61) 4-Chlorophenyl-phenylether	10.52	204	1106965	75.140	ng		97
62) 4-Nitroaniline	10.56	138	756535	83.767	ng		99
63) Azobenzene	10.68	77	2269213	71.724	ng		98
65) 4,6-Dinitro-2-methylphenol	10.58	198	397673	104.350	ng		95
66) n-Nitrosodiphenylamine	10.65	169	2019338	71.638	ng		99
67) 4-Bromophenyl-phenylether	11.02	248	749061	71.866	ng		98
68) Hexachlorobenzene	11.08	284	879109	73.011	ng		99
69) Atrazine	11.17	200	678898	73.088	ng		99
70) Pentachlorophenol	11.27	266	553013	82.158	ng		99
71) Phenanthrene	11.50	178	3301572	72.172	ng		97
72) Anthracene	11.55	178	3261426	71.661	ng		97
73) Carbazole	11.70	167	2975932	71.528	ng		98
74) Di-n-butylphthalate	12.03	149	3493158	69.048	ng		97
75) Fluoranthene	12.69	202	3298190	70.609	ng		98
78) Pyrene	12.92	202	3287971	83.631	ng		96
80) Butylbenzylphthalate	13.53	149	1481832	81.600	ng		93
81) Benzo(a)anthracene	14.11	228	2667709	79.577	ng		97
82) 3,3'-Dichlorobenzidine	14.07	252	923260	73.740	ng		98
83) Chrysene	14.15	228	2575551	77.797	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1737881	74.190	ng		99
85) Di-n-octyl phthalate	14.71	149	2526997	68.554	ng		100
86) Indeno(1,2,3-cd)pyrene	17.17	276	2491002	80.841	ng		99
88) Benzo(b)fluoranthene	15.18	252	2461042	80.406	ng		99
89) Benzo(k)fluoranthene	15.22	252	2177656	79.771	ng		97
90) Benzo(a)pyrene	15.57	252	2147465	80.936	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1986960	83.498	ng		98
92) Benzo(g,h,i)perylene	17.64	276	2042145	88.551	ng		98

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

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