Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114381.D
Acq On : 18 May 2019 10:51
Operator : JU/SJ
Sample : PB119779BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119779BS

Manual Integrations APPROVED
Sohil
5/21/2019 7:17:03 PM

Quant Time: May 20 04:52:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	208742	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	835273	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	399287	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	775079	20.00	ng		0.00
76) Chrysene-d12	14.00	240	545810	20.00	ng		0.00
87) Perylene-d12	15.46	264	228267	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1532837	118.17	ng		0.01
7) Phenol-d6	6.49	99	1968550	128.31	ng		0.00
23) Nitrobenzene-d5	7.40	82	1098015	73.77	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	480615	116.43	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1939343	73.47	ng		0.00
79) Terphenyl-d14	12.93	244	1990454	75.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	295863	41.497	ng		99
3) Pyridine	3.43	79	537126	27.343	ng		96
4) n-Nitrosodimethylamine	3.37	42	310069	32.732	ng		94
6) Aniline	6.50	93	356219	16.074	ng	#	1
8) 2-Chlorophenol	6.63	128	607042	43.837	ng		99
9) Benzaldehyde	6.40	77	27465	2.557	ng		96
10) Phenol	6.50	94	736334	40.800	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	623402	45.499	ng		95
12) 1,3-Dichlorobenzene	6.78	146	596740	38.390	ng		99
13) 1,4-Dichlorobenzene	6.85	146	613976	39.198	ng		99
14) 1,2-Dichlorobenzene	7.00	146	572475	40.005	ng		98
15) Benzyl Alcohol	6.99	79	494085	41.293	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1069478	40.257	ng		65
17) 2-Methylphenol	7.10	107	485154	42.650	ng	#	91
18) Hexachloroethane	7.35	117	228260	38.824	ng		100
19) n-Nitroso-di-n-propylamine	7.25	70	414881	42.665	ng		100
20) 3+4-Methylphenols	7.26	107	635400	48.346	ng	#	63
22) Acetophenone	7.25	105	806721	43.597	ng	#	91
24) Nitrobenzene	7.42	77	650796	42.931	ng		99
25) Isophorone	7.66	82	1187968	43.037	ng		99
26) 2-Nitrophenol	7.73	139	336498	45.753	ng		94
27) 2,4-Dimethylphenol	7.78	122	542555	46.970	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	755431	42.179	ng		97
29) 2,4-Dichlorophenol	7.99	162	517556	44.997	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	530581	40.566	ng		99
31) Naphthalene	8.14	128	1690629	43.331	ng		99
32) Benzoic acid	7.92	122	378613	46.266	ng		99
33) 4-Chloroaniline	8.20	127	394361	22.180	ng		97
34) Hexachlorobutadiene	8.26	225	290870	39.085	ng		99
35) Caprolactam	8.56	113	171081m	45.615	ng		
36) 4-Chloro-3-methylphenol	8.69	107	533401	46.071	ng		98
37) 2-Methylnaphthalene	8.83	142	1157628	45.986	ng		97
38) 1-Methylnaphthalene	8.93	142	1085317	45.782	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	523913	43.316	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	97643	20.715	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	339060	40.755	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	361942	42.422	ng		96
46) 1,1'-Biphenyl	9.29	154	1410597	43.730	ng		99
47) 2-Chloronaphthalene	9.32	162	1067638	41.126	ng		97
48) 2-Nitroaniline	9.42	65	364131	39.551	ng		96
49) Acenaphthylene	9.73	152	1667399	42.230	ng		100
50) Dimethylphthalate	9.59	163	1233206	42.073	ng		100
51) 2,6-Dinitrotoluene	9.66	165	275760	42.416	ng		99
52) Acenaphthene	9.90	154	984338	40.627	ng		99
53) 3-Nitroaniline	9.83	138	212039	26.274	ng		99
54) 2,4-Dinitrophenol	9.95	184	267593	81.700	ng		98
55) Dibenzofuran	10.08	168	1444251	40.651	ng		96
56) 4-Nitrophenol	10.01	139	362556	63.526	ng		96
57) 2,4-Dinitrotoluene	10.07	165	350772	39.752	ng	#	91
58) Fluorene	10.42	166	1174448	42.797	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	297737	40.444	ng		99
60) Diethylphthalate	10.29	149	1234492	41.451	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	565111	41.927	ng		96
62) 4-Nitroaniline	10.45	138	300471	35.431	ng		98
63) Azobenzene	10.57	77	1216930	42.214	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	171470	46.040	ng		85
66) n-Nitrosodiphenylamine	10.53	169	1034124	43.961	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	354696	41.563	ng		98
68) Hexachlorobenzene	10.97	284	380194	40.271	ng		96
69) Atrazine	11.05	200	189085	25.830	ng		97
70) Pentachlorophenol	11.17	266	310195	69.312	ng		98
71) Phenanthrene	11.38	178	1644850	43.620	ng		99
72) Anthracene	11.43	178	1648642	43.528	ng		100
73) Carbazole	11.59	167	1577734	43.684	ng		99
74) Di-n-butylphthalate	11.91	149	1931590	46.421	ng		100
75) Fluoranthene	12.57	202	1747702	43.039	ng		98
77) Benzidine	12.69	184	90477	3.693	ng		95
78) Pyrene	12.80	202	1753069	39.926	ng		99
80) Butylbenzylphthalate	13.40	149	799315	43.250	ng		95
81) Benzo(a)anthracene	13.99	228	1360957	38.551	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	359578	26.256	ng		100
83) Chrysene	14.02	228	1342703	38.799	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1101366	45.566	ng		99
85) Di-n-octyl phthalate	14.57	149	1686586	43.044	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1174359	38.397	ng		99
88) Benzo(b)fluoranthene	15.04	252	1201186	82.137	ng		99
89) Benzo(k)fluoranthene	15.07	252	1105769	82.313	ng		98
90) Benzo(a)pyrene	15.40	252	1076482	83.640	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1012559	94.678	ng		98
92) Benzo(g,h,i)perylene	17.37	276	1058631	98.774	ng		99

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

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