Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112086.D
Acq On : 17 Jan 2019 13:49
Operator : JU/SJ
Sample : K1167-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JDHS-SOUTH-1MS

Manual Integrations APPROVED
Sohil
1/18/2019 11:45:41 AM

Quant Time: Jan 18 00:20:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	309740	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1134328	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	510255	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	824269	20.00	ng		0.00
76) Chrysene-d12	14.03	240	651330	20.00	ng		0.00
87) Perylene-d12	15.50	264	561908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2031176	119.02	ng		0.01
7) Phenol-d6	6.52	99	2556001	119.71	ng		0.00
23) Nitrobenzene-d5	7.43	82	1580334	96.25	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	656372	119.24	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2762361	79.37	ng		0.00
79) Terphenyl-d14	12.97	244	2330198	76.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	277144	34.627	ng		99
3) Pyridine	3.44	79	727832	36.309	ng		98
4) n-Nitrosodimethylamine	3.39	42	370527	45.525	ng		99
6) Aniline	6.53	93	755069	29.076	ng	#	21
8) 2-Chlorophenol	6.66	128	818475	41.296	ng		97
9) Benzaldehyde	6.41	77	226126	15.590	ng		98
10) Phenol	6.53	94	983748	42.158	ng		89
11) bis(2-Chloroethyl)ether	6.60	93	751966	40.529	ng		98
12) 1,3-Dichlorobenzene	6.80	146	888655	39.289	ng		99
13) 1,4-Dichlorobenzene	6.88	146	899101	38.861	ng		99
14) 1,2-Dichlorobenzene	7.03	146	839918	39.412	ng		97
15) Benzyl Alcohol	7.00	79	667476	41.960	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1055469	39.448	ng		96
17) 2-Methylphenol	7.13	107	636620	42.771	ng		97
18) Hexachloroethane	7.37	117	288688	37.385	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	537560	41.328	ng		98
20) 3+4-Methylphenols	7.28	107	774722	42.928	ng	#	67
22) Acetophenone	7.27	105	1034919	39.381	ng		98
24) Nitrobenzene	7.45	77	799031	45.920	ng		99
25) Isophorone	7.69	82	1460285	46.048	ng		98
26) 2-Nitrophenol	7.76	139	397346	44.878	ng		99
27) 2,4-Dimethylphenol	7.80	122	691934	47.005	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	938726	43.153	ng		100
29) 2,4-Dichlorophenol	8.01	162	687525	42.755	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	756428	40.534	ng		99
31) Naphthalene	8.17	128	2221826	43.065	ng		99
32) Benzoic acid	7.92	122	152054	28.614	ng		99
33) 4-Chloroaniline	8.22	127	499237	21.531	ng		99
34) Hexachlorobutadiene	8.29	225	400695	38.583	ng		98
35) Caprolactam	8.58	113	212008m	37.669	ng		
36) 4-Chloro-3-methylphenol	8.71	107	653497	41.608	ng		97
37) 2-Methylnaphthalene	8.86	142	1533886	43.783	ng		99
38) 1-Methylnaphthalene	8.96	142	1444757	42.910	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	712886	43.509	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	169735	31.239	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	464848	47.424	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	485178	46.475	ng	97
46) 1,1'-Biphenyl	9.32	154	1811550	42.459	ng	99
47) 2-Chloronaphthalene	9.35	162	1388238	41.567	ng	99
48) 2-Nitroaniline	9.45	65	383534	50.984	ng	98
49) Acenaphthylene	9.76	152	2127512	43.653	ng	100
50) Dimethylphthalate	9.62	163	1886844	50.705	ng	100
51) 2,6-Dinitrotoluene	9.69	165	355703	47.865	ng	99
52) Acenaphthene	9.94	154	1236343	41.462	ng	99
53) 3-Nitroaniline	9.85	138	273677	32.933	ng	93
54) 2,4-Dinitrophenol	9.96	184	53082	35.649	ng	99
55) Dibenzofuran	10.11	168	1860692	41.262	ng	99
56) 4-Nitrophenol	10.03	139	455663	76.950	ng	99
57) 2,4-Dinitrotoluene	10.09	165	428651	45.227	ng	99
58) Fluorene	10.45	166	1409974	41.848	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	363974	46.203	ng	99
60) Diethylphthalate	10.32	149	1570458	43.235	ng	97
61) 4-Chlorophenyl-phenylether	10.44	204	728505	40.070	ng	99
62) 4-Nitroaniline	10.47	138	317839	38.517	ng	94
63) Azobenzene	10.60	77	1352961	38.895	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	60464	23.968	ng	97
66) n-Nitrosodiphenylamine	10.56	169	1285244	47.166	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	430963	45.013	ng	97
68) Hexachlorobenzene	11.00	284	433335	42.016	ng	100
69) Atrazine	11.09	200	398291	45.295	ng	99
70) Pentachlorophenol	11.20	266	363168	73.754	ng	99
71) Phenanthrene	11.42	178	1816124	43.781	ng	100
72) Anthracene	11.46	178	1871655	44.541	ng	99
73) Carbazole	11.62	167	1654786	39.311	ng	99
74) Di-n-butylphthalate	11.94	149	2127763	44.936	ng	99
75) Fluoranthene	12.60	202	1778213	40.600	ng	99
77) Benzidine	12.72	184	700550	32.236	ng	95
78) Pyrene	12.83	202	1785297	41.545	ng	100
80) Butylbenzylphthalate	13.44	149	838603	44.484	ng	91
81) Benzo(a)anthracene	14.02	228	1641845	43.964	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	605895	43.322	ng	99
83) Chrysene	14.06	228	1523913	43.125	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1207272	44.684	ng	98
85) Di-n-octyl phthalate	14.61	149	1979325	47.547	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1270278	38.964	ng	99
88) Benzo(b)fluoranthene	15.07	252	1425197	44.682	ng	99
89) Benzo(k)fluoranthene	15.10	252	1440670	46.667	ng	100
90) Benzo(a)pyrene	15.44	252	1324624	45.285	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	1074991	41.378	ng	100
92) Benzo(g,h,i)perylene	17.44	276	1008072	39.386	ng	99

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

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