Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118599.D
Acq On : 20 Jan 2020 19:00
Operator : CG/JU
Sample : L1181-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
93OAK-AVE-COMPMS

Manual Integrations APPROVED
mohammad
1/21/2020 2:26:10 PM

Quant Time: Jan 21 02:43:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	532101	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1976823	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	1107492	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1902895	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1150534	20.00	ng		0.00
87) Perylene-d12	15.51	264	1175739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3329757	116.22	ng		0.02
7) Phenol-d6	6.52	99	4508447	121.07	ng		0.00
23) Nitrobenzene-d5	7.45	82	2863633	81.03	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	1483252	115.79	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4847863	71.95	ng		0.00
79) Terphenyl-d14	12.99	244	4941575	93.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	515614	37.157	ng		100
3) Pyridine	3.52	79	1303539	33.329	ng		100
4) n-Nitrosodimethylamine	3.45	42	686968	40.969	ng		97
6) Aniline	6.55	93	1033101	21.070	ng		98
8) 2-Chlorophenol	6.67	128	1414457	43.985	ng		99
9) Benzaldehyde	6.43	77	760721	33.591	ng		98
10) Phenol	6.53	94	1858173	43.787	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	1321316	41.966	ng		98
12) 1,3-Dichlorobenzene	6.82	146	1525526	40.531	ng		97
13) 1,4-Dichlorobenzene	6.90	146	1558303	41.244	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1475942	41.555	ng		98
15) Benzyl Alcohol	7.02	79	1288727	43.641	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1784314	40.686	ng		100
17) 2-Methylphenol	7.13	107	1182293	44.138	ng		99
18) Hexachloroethane	7.40	117	563996	41.167	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	1067910	42.472	ng		98
20) 3+4-Methylphenols	7.28	107	1426593	43.622	ng		91
22) Acetophenone	7.29	105	1881074	40.169	ng	#	93
24) Nitrobenzene	7.46	77	1527482	42.210	ng		95
25) Isophorone	7.70	82	2755981	42.753	ng		99
26) 2-Nitrophenol	7.77	139	740649	47.994	ng		97
27) 2,4-Dimethylphenol	7.82	122	1352472	50.753	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	1710156	41.173	ng		99
29) 2,4-Dichlorophenol	8.02	162	1271728	43.170	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	1384757	40.542	ng		99
31) Naphthalene	8.19	128	3850808	43.122	ng		98
32) Benzoic acid	7.93	122	740952	37.049	ng		97
33) 4-Chloroaniline	8.23	127	303423	7.351	ng		96
34) Hexachlorobutadiene	8.31	225	823089	39.570	ng		100
35) Caprolactam	8.60	113	380944m	39.516	ng		
36) 4-Chloro-3-methylphenol	8.71	107	1234646	42.442	ng		100
37) 2-Methylnaphthalene	8.88	142	2760130	43.789	ng		100
38) 1-Methylnaphthalene	8.98	142	2591411	43.274	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1382473	39.895	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1604163	91.753	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	977234	42.498	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	998896	42.534	ng		97
46) 1,1'-Biphenyl	9.35	154	3201352	41.942	ng		99
47) 2-Chloronaphthalene	9.37	162	2621395	40.746	ng		99
48) 2-Nitroaniline	9.46	65	778009	39.340	ng		96
49) Acenaphthylene	9.79	152	3829406	42.311	ng		99
50) Dimethylphthalate	9.65	163	3235530	44.842	ng		99
51) 2,6-Dinitrotoluene	9.70	165	701817	43.436	ng		94
52) Acenaphthene	9.96	154	2648448	43.762	ng		99
53) 3-Nitroaniline	9.86	138	322170	17.462	ng		97
54) 2,4-Dinitrophenol	9.97	184	495538	76.822	ng	#	48
55) Dibenzofuran	10.13	168	3550177	42.330	ng		99
56) 4-Nitrophenol	10.03	139	1100739	79.032	ng		92
57) 2,4-Dinitrotoluene	10.10	165	889570	43.673	ng		98
58) Fluorene	10.47	166	2732982	41.509	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	849973	41.149	ng		100
60) Diethylphthalate	10.35	149	2839509	40.588	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	1483977	41.441	ng		99
62) 4-Nitroaniline	10.49	138	649473	34.319	ng		99
63) Azobenzene	10.62	77	2838694	41.898	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	389519	46.551	ng		95
66) n-Nitrosodiphenylamine	10.58	169	2490506	43.399	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	1009816	42.954	ng		96
68) Hexachlorobenzene	11.02	284	1099031	41.234	ng		97
69) Atrazine	11.10	200	898612	45.178	ng		99
70) Pentachlorophenol	11.21	266	1151867	77.729	ng		100
71) Phenanthrene	11.43	178	3806962	41.468	ng		98
72) Anthracene	11.49	178	3896357	42.893	ng		99
73) Carbazole	11.63	167	3374347	40.498	ng		99
74) Di-n-butylphthalate	11.97	149	4019107	43.416	ng		97
75) Fluoranthene	12.62	202	3831529	39.571	ng		98
77) Benzidine	12.73	184	1319823	42.933	ng		98
78) Pyrene	12.85	202	3844578	49.219	ng		100
80) Butylbenzylphthalate	13.46	149	1604693	50.197	ng		98
81) Benzo(a)anthracene	14.03	228	2946057	42.567	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	531904	21.568	ng		99
83) Chrysene	14.07	228	2815001	42.438	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2086584	53.426	ng		99
85) Di-n-octyl phthalate	14.64	149	3089518	53.443	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	3408201	59.134	ng		100
88) Benzo(b)fluoranthene	15.08	252	2840940	38.441	ng		99
89) Benzo(k)fluoranthene	15.12	252	2625671	38.349	ng		99
90) Benzo(a)pyrene	15.45	252	2541326	39.863	ng		100
91) Dibenzo(a,h)anthracene	17.01	278	2833048	50.238	ng		98
92) Benzo(g,h,i)perylene	17.44	276	2815503	51.421	ng		98

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

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