Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118760.D
Acq On : 30 Jan 2020 19:20
Operator : CG/JU
Sample : L1313-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-56MSD

Manual Integrations APPROVED
mohammad
2/3/2020 7:57:09 AM

Quant Time: Jan 30 22:47:18 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 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	263827	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	1012097	20.00	ng		-0.02
39) Acenaphthene-d10	9.88	164	580144	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	1111018	20.00	ng		-0.02
76) Chrysene-d12	14.01	240	843473	20.00	ng		-0.01
87) Perylene-d12	15.46	264	885940	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1604880	112.98	ng		-0.02
7) Phenol-d6	6.47	99	2028305	109.86	ng		-0.02
23) Nitrobenzene-d5	7.40	82	1320939	73.00	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	784732	116.95	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	2546615	72.15	ng		-0.02
79) Terphenyl-d14	12.95	244	3221626	83.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	257431	37.416	ng		99
3) Pyridine	3.39	79	663438	34.211	ng		99
4) n-Nitrosodimethylamine	3.32	42	290086	34.892	ng		97
6) Aniline	6.50	93	774143	31.843	ng		99
8) 2-Chlorophenol	6.63	128	787283	49.377	ng		97
9) Benzaldehyde	6.39	77	373489	33.262	ng		99
10) Phenol	6.49	94	938839	44.620	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	707574	45.325	ng		99
12) 1,3-Dichlorobenzene	6.78	146	848734	45.479	ng		99
13) 1,4-Dichlorobenzene	6.86	146	852487	45.506	ng		98
14) 1,2-Dichlorobenzene	7.02	146	797540	45.288	ng		97
15) Benzyl Alcohol	6.98	79	662092	45.220	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	840649	38.661	ng		99
17) 2-Methylphenol	7.09	107	628761	47.342	ng		99
18) Hexachloroethane	7.36	117	299776	44.131	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	510817	40.974	ng		97
20) 3+4-Methylphenols	7.25	107	740885	45.691	ng		94
22) Acetophenone	7.25	105	976187	40.716	ng	#	99
24) Nitrobenzene	7.42	77	769715	41.545	ng		97
25) Isophorone	7.66	82	1440802	43.656	ng		100
26) 2-Nitrophenol	7.74	139	427411	54.096	ng		99
27) 2,4-Dimethylphenol	7.77	122	681207	49.930	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	893863	42.033	ng		100
29) 2,4-Dichlorophenol	7.98	162	692840	45.938	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	765879	43.796	ng		99
31) Naphthalene	8.15	128	2152163	47.073	ng		100
32) Benzoic acid	7.90	122	480196	46.897	ng		98
33) 4-Chloroaniline	8.19	127	325648	15.410	ng		99
34) Hexachlorobutadiene	8.27	225	456452	42.861	ng		98
35) Caprolactam	8.56	113	234241m	47.459	ng		
36) 4-Chloro-3-methylphenol	8.67	107	714964	48.005	ng		99
37) 2-Methylnaphthalene	8.84	142	1559140	48.313	ng		100
38) 1-Methylnaphthalene	8.94	142	1453485	47.407	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	749424	41.285	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	820157	89.552	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	537462	44.619	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	578793	47.048	ng	97
46) 1,1'-Biphenyl	9.30	154	1834652	45.885	ng	99
47) 2-Chloronaphthalene	9.33	162	1476658	43.817	ng	99
48) 2-Nitroaniline	9.42	65	418025	40.351	ng	98
49) Acenaphthylene	9.75	152	2295521	48.418	ng	100
50) Dimethylphthalate	9.60	163	1977255	52.312	ng	99
51) 2,6-Dinitrotoluene	9.66	165	427125	50.465	ng	90
52) Acenaphthene	9.92	154	1577716	49.767	ng	100
53) 3-Nitroaniline	9.83	138	229405	23.737	ng	95
54) 2,4-Dinitrophenol	9.94	184	410177	121.391	ng	100
55) Dibenzofuran	10.09	168	2094286	47.670	ng	99
56) 4-Nitrophenol	9.99	139	718088	98.424	ng	98
57) 2,4-Dinitrotoluene	10.07	165	564223	52.880	ng	96
58) Fluorene	10.43	166	1574636	45.655	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	501650	46.361	ng	100
60) Diethylphthalate	10.30	149	1771542	48.341	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	838398	44.695	ng	96
62) 4-Nitroaniline	10.44	138	412687	41.629	ng	98
63) Azobenzene	10.58	77	1561828	44.006	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	311343	63.729	ng	90
66) n-Nitrosodiphenylamine	10.54	169	1505285	44.926	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	601599	43.829	ng	96
68) Hexachlorobenzene	10.98	284	669205	43.003	ng	99
69) Atrazine	11.07	200	568659	48.967	ng	99
70) Pentachlorophenol	11.17	266	725349	83.834	ng	99
71) Phenanthrene	11.39	178	2546885	47.516	ng	100
72) Anthracene	11.44	178	2552482	48.127	ng	99
73) Carbazole	11.59	167	2256103	46.376	ng	99
74) Di-n-butylphthalate	11.93	149	2804772	51.893	ng	99
75) Fluoranthene	12.58	202	2876242	50.877	ng	99
77) Benzidine	12.70	184	1554331	68.968	ng	100
78) Pyrene	12.81	202	2879675	50.287	ng	99
80) Butylbenzylphthalate	13.43	149	1268932	54.144	ng	97
81) Benzo(a)anthracene	14.00	228	2415122	47.599	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	546065	30.203	ng	99
83) Chrysene	14.03	228	2411800	49.596	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1765223	61.651	ng	99
85) Di-n-octyl phthalate	14.60	149	2959322	69.826	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2717202	64.307	ng	99
88) Benzo(b)fluoranthene	15.04	252	2517102	45.200	ng	100
89) Benzo(k)fluoranthene	15.07	252	2229314	43.210	ng	99
90) Benzo(a)pyrene	15.40	252	2161272	44.991	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	2205424	51.901	ng	99
92) Benzo(g,h,i)perylene	17.37	276	2325831	56.373	ng	98

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

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