Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119295.D
Acq On : 9 Mar 2020 20:59
Operator : CG/JU
Sample : L1844-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-17-030520MSD

Manual Integrations APPROVED
mohammad
3/10/2020 2:44:28 PM

Quant Time: Mar 09 21:31:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	95474	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	375405	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	209972	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	413887	20.00	ng		0.00
76) Chrysene-d12	13.89	240	326766	20.00	ng		0.00
87) Perylene-d12	15.31	264	326733	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	683598	119.66	ng		0.00
7) Phenol-d6	6.38	99	821729	118.27	ng		0.00
23) Nitrobenzene-d5	7.29	82	553709	77.88	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	317194	115.48	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1102230	77.33	ng		0.00
79) Terphenyl-d14	12.83	244	1504360	79.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	104851	41.221	ng		98
3) Pyridine	3.15	79	227944	32.813	ng		99
4) n-Nitrosodimethylamine	3.09	42	99754	47.404	ng		99
6) Aniline	6.39	93	281031	32.780	ng		96
8) 2-Chlorophenol	6.52	128	317808	51.547	ng		97
9) Benzaldehyde	6.27	77	216472	46.632	ng		100
10) Phenol	6.39	94	374957	49.914	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	279768	48.674	ng		97
12) 1,3-Dichlorobenzene	6.66	146	345098	46.700	ng		97
13) 1,4-Dichlorobenzene	6.74	146	353125	47.754	ng		99
14) 1,2-Dichlorobenzene	6.89	146	327885	48.619	ng		99
15) Benzyl Alcohol	6.88	79	263058	52.385	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	228180	45.828	ng	#	14
17) 2-Methylphenol	7.00	107	253616	50.737	ng		93
18) Hexachloroethane	7.23	117	123604	46.721	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	216232	53.409	ng		96
20) 3+4-Methylphenols	7.16	107	339032	55.361	ng	#	86
22) Acetophenone	7.14	105	427181	49.181	ng	#	94
24) Nitrobenzene	7.31	77	330053	46.942	ng		95
25) Isophorone	7.55	82	587248	47.559	ng		99
26) 2-Nitrophenol	7.63	139	174476	46.835	ng		96
27) 2,4-Dimethylphenol	7.67	122	269233	53.250	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	357045	44.424	ng		99
29) 2,4-Dichlorophenol	7.88	162	279228	46.912	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	303154	42.958	ng		99
31) Naphthalene	8.03	128	905242	46.496	ng		99
32) Benzoic acid	7.85	122	144554	40.410	ng		98
33) 4-Chloroaniline	8.09	127	117732	14.060	ng		98
34) Hexachlorobutadiene	8.15	225	187756	42.712	ng		99
35) Caprolactam	8.46	113	87156m	47.555	ng		
36) 4-Chloro-3-methylphenol	8.59	107	296573	49.233	ng		99
37) 2-Methylnaphthalene	8.72	142	619267	47.265	ng		98
38) 1-Methylnaphthalene	8.82	142	583643	47.366	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	311090	43.943	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	114215	48.512	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	195663	43.767	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	205222	43.746	ng		99
46) 1,1'-Biphenyl	9.18	154	763425	44.987	ng		98
47) 2-Chloronaphthalene	9.21	162	605764	44.296	ng		98
48) 2-Nitroaniline	9.32	65	178881	46.898	ng		98
49) Acenaphthylene	9.62	152	929438	47.057	ng		99
50) Dimethylphthalate	9.49	163	819788	51.058	ng		99
51) 2,6-Dinitrotoluene	9.56	165	164617	46.147	ng		92
52) Acenaphthene	9.79	154	553930	46.511	ng		99
53) 3-Nitroaniline	9.73	138	83385	21.085	ng		94
54) 2,4-Dinitrophenol	9.85	184	124701	72.680	ng	#	90
55) Dibenzofuran	9.97	168	826200	46.478	ng		98
56) 4-Nitrophenol	9.92	139	139548	58.731	ng		96
57) 2,4-Dinitrotoluene	9.97	165	218926	47.348	ng		98
58) Fluorene	10.31	166	676660	48.987	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	183095	46.254	ng		97
60) Diethylphthalate	10.19	149	740044	48.909	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	355392	48.607	ng		97
62) 4-Nitroaniline	10.35	138	156939	38.788	ng		97
63) Azobenzene	10.46	77	663167	50.423	ng		95
65) 4,6-Dinitro-2-methylphenol	10.39	198	114895	45.876	ng		92
66) n-Nitrosodiphenylamine	10.42	169	618269	45.621	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	236122	43.645	ng		95
68) Hexachlorobenzene	10.86	284	267877	42.946	ng		99
69) Atrazine	10.95	200	213037	44.992	ng		97
70) Pentachlorophenol	11.07	266	189055	75.242	ng		100
71) Phenanthrene	11.27	178	1051465	46.584	ng		99
72) Anthracene	11.32	178	1084400	48.083	ng		98
73) Carbazole	11.48	167	951171	47.342	ng		99
74) Di-n-butylphthalate	11.80	149	1221822	50.217	ng		98
75) Fluoranthene	12.46	202	1164940	48.622	ng		98
77) Benzidine	12.58	184	530840	39.945	ng		99
78) Pyrene	12.69	202	1165791	44.430	ng		99
80) Butylbenzylphthalate	13.30	149	533179	48.281	ng		98
81) Benzo(a)anthracene	13.88	228	1057110	47.479	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	302667	35.009	ng		98
83) Chrysene	13.92	228	1019479	45.954	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	772255	55.353	ng		100
85) Di-n-octyl phthalate	14.46	149	1287268	57.909	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	959536	44.669	ng		99
88) Benzo(b)fluoranthene	14.91	252	1041167	48.344	ng		98
89) Benzo(k)fluoranthene	14.93	252	923217	46.257	ng		100
90) Benzo(a)pyrene	15.26	252	868190	44.666	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	813220	47.550	ng		100
92) Benzo(g,h,i)perylene	17.14	276	772525	45.717	ng		98

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

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