Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119135.D
Acq On : 28 Feb 2020 17:09
Operator : CG/JU
Sample : L1719-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MP-1-COMPMS

Quant Time: Mar 02 03:02:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	117897	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	441149	20.00	ng		-0.02
39) Acenaphthene-d10	9.77	164	253420	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	481395	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	384292	20.00	ng		-0.01
87) Perylene-d12	15.31	264	397893	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	928380	131.60	ng		0.00
7) Phenol-d6	6.39	99	1113785	129.81	ng		-0.02
23) Nitrobenzene-d5	7.30	82	743925	89.04	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	419447	126.52	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1379564	80.20	ng		-0.02
79) Terphenyl-d14	12.83	244	1705290	76.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	129601	41.261	ng		98
3) Pyridine	3.18	79	327186	38.142	ng		99
4) n-Nitrosodimethylamine	3.11	42	130409	50.185	ng		100
6) Aniline	6.40	93	329287	31.103	ng		89
8) 2-Chlorophenol	6.52	128	401547	52.742	ng		100
9) Benzaldehyde	6.28	77	158442	27.640	ng		99
10) Phenol	6.40	94	456748	49.238	ng		93
11) bis(2-Chloroethyl)ether	6.47	93	355864	50.138	ng		99
12) 1,3-Dichlorobenzene	6.67	146	428836	46.995	ng		98
13) 1,4-Dichlorobenzene	6.75	146	440339	48.223	ng		99
14) 1,2-Dichlorobenzene	6.90	146	407329	48.912	ng		99
15) Benzyl Alcohol	6.88	79	328483	52.973	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	285243	46.393	ng		97
17) 2-Methylphenol	7.00	107	315996	51.193	ng		98
18) Hexachloroethane	7.25	117	155963	47.740	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	259682	51.942	ng		98
20) 3+4-Methylphenols	7.16	107	399737	52.859	ng		95
22) Acetophenone	7.15	105	524417	51.378	ng	#	96
24) Nitrobenzene	7.32	77	403994	48.896	ng		98
25) Isophorone	7.56	82	733113	50.524	ng		99
26) 2-Nitrophenol	7.63	139	220553	50.380	ng		99
27) 2,4-Dimethylphenol	7.68	122	333340	56.104	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	443658	46.974	ng		100
29) 2,4-Dichlorophenol	7.88	162	344656	49.275	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	381689	46.026	ng		99
31) Naphthalene	8.04	128	1120593	48.980	ng		99
32) Benzoic acid	7.83	122	209662	48.311	ng		97
33) 4-Chloroaniline	8.09	127	173303	17.612	ng		97
34) Hexachlorobutadiene	8.16	225	232715	45.050	ng		98
35) Caprolactam	8.47	113	114492m	53.160	ng		
36) 4-Chloro-3-methylphenol	8.59	107	363877	51.404	ng		98
37) 2-Methylnaphthalene	8.73	142	778889	50.588	ng		99
38) 1-Methylnaphthalene	8.83	142	733295	50.642	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	385526	45.121	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	252117	80.939 ng	99
43) 2,4,6-Trichlorophenol	9.02	196	249487	46.239 ng	98
44) 2,4,5-Trichlorophenol	9.06	196	267857	47.308 ng	99
46) 1,1'-Biphenyl	9.19	154	945884	46.182 ng	99
47) 2-Chloronaphthalene	9.22	162	758881	45.979 ng	98
48) 2-Nitroaniline	9.32	65	212701	46.204 ng	97
49) Acenaphthylene	9.63	152	1172060	49.167 ng	99
50) Dimethylphthalate	9.50	163	1123961	58.000 ng	100
51) 2,6-Dinitrotoluene	9.56	165	208587	48.448 ng	99
52) Acenaphthene	9.80	154	680446	47.339 ng	99
53) 3-Nitroaniline	9.73	138	110954	23.246 ng	95
54) 2,4-Dinitrophenol	9.85	184	189342	89.506 ng	99
55) Dibenzofuran	9.97	168	1035307	48.256 ng	98
56) 4-Nitrophenol	9.92	139	260240	90.748 ng	99
57) 2,4-Dinitrotoluene	9.97	165	271225	48.602 ng	99
58) Fluorene	10.32	166	830847	49.837 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	226382	47.385 ng	99
60) Diethylphthalate	10.20	149	907197	49.677 ng	99
61) 4-Chlorophenyl-phenylether	10.31	204	431595	48.909 ng	95
62) 4-Nitroaniline	10.35	138	209133	42.826 ng	94
63) Azobenzene	10.47	77	805648	50.754 ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	157631	54.113 ng	88
66) n-Nitrosodiphenylamine	10.43	169	760544	48.250 ng	99
67) 4-Bromophenyl-phenylether	10.80	248	292286	46.450 ng	91
68) Hexachlorobenzene	10.87	284	326433	44.995 ng	94
69) Atrazine	10.96	200	274243	49.796 ng	99
70) Pentachlorophenol	11.07	266	273091	93.446 ng	98
71) Phenanthrene	11.28	178	1272954	48.488 ng	98
72) Anthracene	11.33	178	1321235	50.369 ng	99
73) Carbazole	11.49	167	1161813	49.717 ng	99
74) Di-n-butylphthalate	11.81	149	1461465	51.643 ng	99
75) Fluoranthene	12.46	202	1407406	50.505 ng	99
77) Benzidine	12.58	184	574436	36.755 ng	99
78) Pyrene	12.69	202	1400592	45.388 ng	99
80) Butylbenzylphthalate	13.30	149	644173	49.600 ng	97
81) Benzo(a)anthracene	13.88	228	1287728	49.179 ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	321222	31.593 ng	100
83) Chrysene	13.92	228	1246014	47.757 ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	905523	55.189 ng	98
85) Di-n-octyl phthalate	14.47	149	1520433	58.160 ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1306974	51.735 ng	100
88) Benzo(b)fluoranthene	14.91	252	1316122	50.182 ng	99
89) Benzo(k)fluoranthene	14.93	252	1161523	47.789 ng	99
90) Benzo(a)pyrene	15.26	252	1122723	47.431 ng	98
91) Dibenzo(a,h)anthracene	16.72	278	1091284	52.397 ng	100
92) Benzo(g,h,i)perylene	17.13	276	1092422	53.086 ng	99

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

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