Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
Data File : BF119136.D
Acq On : 28 Feb 2020 17:45
Operator : CG/JU
Sample : L1719-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MP-1-COMPMSD

Quant Time: Mar 02 03:04:54 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	118844	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	457775	20.00	ng		-0.02
39) Acenaphthene-d10	9.77	164	255465	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	489370	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	375312	20.00	ng		-0.01
87) Perylene-d12	15.31	264	384907	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	959445	134.92	ng		0.00
7) Phenol-d6	6.39	99	1151628	133.16	ng		-0.02
23) Nitrobenzene-d5	7.30	82	769084	88.71	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	442198	132.32	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1496561	86.30	ng		-0.02
79) Terphenyl-d14	12.83	244	1866437	85.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	125595	39.667	ng		99
3) Pyridine	3.19	79	313245	36.226	ng		98
4) n-Nitrosodimethylamine	3.12	42	127920	48.835	ng		99
6) Aniline	6.40	93	336862	31.565	ng		90
8) 2-Chlorophenol	6.52	128	391458	51.007	ng		99
9) Benzaldehyde	6.28	77	154335	26.709	ng		99
10) Phenol	6.40	94	454146	48.567	ng		95
11) bis(2-Chloroethyl)ether	6.47	93	347168	48.523	ng		98
12) 1,3-Dichlorobenzene	6.67	146	423614	46.053	ng		99
13) 1,4-Dichlorobenzene	6.75	146	431300	46.856	ng		99
14) 1,2-Dichlorobenzene	6.90	146	399856	47.632	ng		99
15) Benzyl Alcohol	6.88	79	323549	51.762	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	276383	44.594	ng		74
17) 2-Methylphenol	7.00	107	312354	50.200	ng		99
18) Hexachloroethane	7.25	117	154500	46.916	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	254178	50.436	ng		98
20) 3+4-Methylphenols	7.16	107	395084	51.828	ng		94
22) Acetophenone	7.15	105	511805	48.321	ng	#	96
24) Nitrobenzene	7.32	77	395548	46.135	ng		99
25) Isophorone	7.56	82	716388	47.578	ng		98
26) 2-Nitrophenol	7.63	139	216281	47.610	ng		98
27) 2,4-Dimethylphenol	7.68	122	327765	53.162	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	435860	44.472	ng		99
29) 2,4-Dichlorophenol	7.89	162	338924	46.696	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	377959	43.921	ng		98
31) Naphthalene	8.04	128	1093463	46.058	ng		98
32) Benzoic acid	7.83	122	207619	46.409	ng		98
33) 4-Chloroaniline	8.09	127	163808	16.042	ng		99
34) Hexachlorobutadiene	8.16	225	227621	42.464	ng		98
35) Caprolactam	8.47	113	112382m	50.286	ng		
36) 4-Chloro-3-methylphenol	8.59	107	359090	48.885	ng		99
37) 2-Methylnaphthalene	8.73	142	764407	47.844	ng		99
38) 1-Methylnaphthalene	8.83	142	712786	47.438	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	377591	43.839	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	249169	79.536 ng		100
43) 2,4,6-Trichlorophenol	9.02	196	245685	45.169 ng		99
44) 2,4,5-Trichlorophenol	9.06	196	258510	45.292 ng		98
46) 1,1'-Biphenyl	9.19	154	930975	45.091 ng		98
47) 2-Chloronaphthalene	9.22	162	740499	44.506 ng		98
48) 2-Nitroaniline	9.32	65	209690	45.185 ng		96
49) Acenaphthylene	9.63	152	1145445	47.666 ng		99
50) Dimethylphthalate	9.50	163	1028332	52.641 ng		99
51) 2,6-Dinitrotoluene	9.56	165	206974	47.689 ng		97
52) Acenaphthene	9.80	154	673864	46.505 ng		99
53) 3-Nitroaniline	9.73	138	108295	22.508 ng		96
54) 2,4-Dinitrophenol	9.85	184	185549	87.220 ng		99
55) Dibenzofuran	9.97	168	1020101	47.166 ng		98
56) 4-Nitrophenol	9.92	139	251957	87.157 ng		98
57) 2,4-Dinitrotoluene	9.97	165	269222	47.857 ng		96
58) Fluorene	10.32	166	814114	48.442 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	227319	47.200 ng		99
60) Diethylphthalate	10.19	149	905345	49.179 ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	421773	47.413 ng		94
62) 4-Nitroaniline	10.35	138	204898	41.623 ng		96
63) Azobenzene	10.47	77	791654	49.473 ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	153734	51.915 ng		86
66) n-Nitrosodiphenylamine	10.43	169	746662	46.597 ng		100
67) 4-Bromophenyl-phenylether	10.80	248	283517	44.322 ng		92
68) Hexachlorobenzene	10.87	284	319392	43.307 ng		97
69) Atrazine	10.96	200	269585	48.153 ng		99
70) Pentachlorophenol	11.07	266	264611	89.069 ng		98
71) Phenanthrene	11.27	178	1237267	46.361 ng		98
72) Anthracene	11.33	178	1299716	48.741 ng		99
73) Carbazole	11.49	167	1112874	46.847 ng		98
74) Di-n-butylphthalate	11.82	149	1433006	49.812 ng		98
75) Fluoranthene	12.46	202	1360817	48.037 ng		99
77) Benzidine	12.58	184	534868	35.042 ng		98
78) Pyrene	12.69	202	1370587	45.478 ng		99
80) Butylbenzylphthalate	13.30	149	620153	48.893 ng		97
81) Benzo(a)anthracene	13.88	228	1211246	47.365 ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	313276	31.549 ng		99
83) Chrysene	13.92	228	1181735	46.377 ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	877416	54.756 ng	#	98
85) Di-n-octyl phthalate	14.47	149	1434381	56.181 ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1174425	47.601 ng		100
88) Benzo(b)fluoranthene	14.90	252	1259789	49.655 ng		99
89) Benzo(k)fluoranthene	14.93	252	1034117	43.983 ng		100
90) Benzo(a)pyrene	15.25	252	1029698	44.969 ng		99
91) Dibenzo(a,h)anthracene	16.72	278	991668	49.220 ng		100
92) Benzo(g,h,i)perylene	17.13	276	986069	49.534 ng		99

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

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