Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119389.D
Acq On : 12 Mar 2020 19:33
Operator : CG/JU
Sample : L1752-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-031120MSD

Manual Integrations APPROVED
mohammad
3/16/2020 1:47:37 PM

Quant Time: Mar 13 02:58:12 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	112821	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	432293	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	242303	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	448990	20.00	ng		0.00
76) Chrysene-d12	13.90	240	285194	20.00	ng		0.01
87) Perylene-d12	15.34	264	244801	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	894539	132.50	ng		0.02
7) Phenol-d6	6.39	99	999850	121.78	ng		0.00
23) Nitrobenzene-d5	7.29	82	768603	93.88	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	423889	133.73	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1498925	91.13	ng		0.00
79) Terphenyl-d14	12.83	244	1845676	111.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	113446	37.743	ng	#	88
3) Pyridine	3.32	79	193089	23.522	ng		99
4) n-Nitrosodimethylamine	3.20	42	122432	49.235	ng		89
6) Aniline	6.40	93	144525	14.266	ng	#	55
8) 2-Chlorophenol	6.52	128	370374	50.836	ng		98
9) Benzaldehyde	6.28	77	226562	41.302	ng		94
10) Phenol	6.40	94	411338	46.338	ng		85
11) bis(2-Chloroethyl)ether	6.46	93	351061	51.686	ng		99
12) 1,3-Dichlorobenzene	6.66	146	386703	44.284	ng		97
13) 1,4-Dichlorobenzene	6.74	146	401159	45.908	ng		99
14) 1,2-Dichlorobenzene	6.89	146	364624	45.754	ng		99
15) Benzyl Alcohol	6.89	79	321236	54.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	266282	45.258	ng	#	43
17) 2-Methylphenol	7.00	107	296609	50.214	ng		92
18) Hexachloroethane	7.23	117	143057	45.760	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	262266	54.819	ng		97
20) 3+4-Methylphenols	7.16	107	401419	55.470	ng	#	87
22) Acetophenone	7.14	105	513890	51.378	ng	#	95
24) Nitrobenzene	7.31	77	396347	48.953	ng		96
25) Isophorone	7.55	82	721371	50.733	ng		97
26) 2-Nitrophenol	7.63	139	206437	48.122	ng		99
27) 2,4-Dimethylphenol	7.67	122	329326	56.564	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	432975	46.782	ng		99
29) 2,4-Dichlorophenol	7.89	162	333311	48.630	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	353883	43.547	ng		98
31) Naphthalene	8.03	128	1075952	47.992	ng		99
32) Benzoic acid	7.86	122	150248	37.125	ng		97
33) 4-Chloroaniline	8.10	127	113892	11.811	ng		99
34) Hexachlorobutadiene	8.14	225	214014	42.279	ng		98
35) Caprolactam	8.47	113	77660m	36.797	ng		
36) 4-Chloro-3-methylphenol	8.59	107	361399	52.100	ng		100
37) 2-Methylnaphthalene	8.72	142	748261	49.594	ng		98
38) 1-Methylnaphthalene	8.82	142	699468	49.296	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	374391	45.828	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	127003	47.088	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	230705	44.719	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	234432	43.304	ng		97
46) 1,1'-Biphenyl	9.18	154	918196	46.887	ng		99
47) 2-Chloronaphthalene	9.21	162	732412	46.411	ng		98
48) 2-Nitroaniline	9.32	65	218079	49.545	ng		99
49) Acenaphthylene	9.62	152	1103721	48.425	ng		99
50) Dimethylphthalate	9.49	163	918724	49.585	ng		100
51) 2,6-Dinitrotoluene	9.56	165	199687	48.509	ng		95
52) Acenaphthene	9.79	154	664932	48.382	ng		99
53) 3-Nitroaniline	9.74	138	63957	14.015	ng		96
54) 2,4-Dinitrophenol	9.86	184	162714	81.204	ng	#	88
55) Dibenzofuran	9.97	168	989695	48.246	ng		100
56) 4-Nitrophenol	9.93	139	76276m	27.819	ng		
57) 2,4-Dinitrotoluene	9.97	165	262691	49.233	ng		99
58) Fluorene	10.31	166	811208	50.891	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	224487	49.144	ng		95
60) Diethylphthalate	10.19	149	863018	49.426	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	418716	49.626	ng		99
62) 4-Nitroaniline	10.36	138	171996	36.837	ng		93
63) Azobenzene	10.46	77	791536	52.153	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	131249	48.308	ng		97
66) n-Nitrosodiphenylamine	10.42	169	732436	49.820	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	273437	46.591	ng		98
68) Hexachlorobenzene	10.87	284	313328	46.306	ng		99
69) Atrazine	10.96	200	238304	46.394	ng		98
70) Pentachlorophenol	11.07	266	187931	68.947	ng		98
71) Phenanthrene	11.27	178	1197632	48.911	ng		98
72) Anthracene	11.33	178	1243214	50.815	ng		99
73) Carbazole	11.49	167	1095395	50.258	ng		99
74) Di-n-butylphthalate	11.80	149	1283812	48.639	ng		99
75) Fluoranthene	12.47	202	1254335	48.261	ng		99
77) Benzidine	12.59	184	364097	31.391	ng		98
78) Pyrene	12.69	202	1255012	54.802	ng		98
80) Butylbenzylphthalate	13.30	149	486921	50.520	ng		99
81) Benzo(a)anthracene	13.89	228	997445	51.330	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	162478	21.533	ng		99
83) Chrysene	13.92	228	965472	49.863	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	615994	50.588	ng	#	98
85) Di-n-octyl phthalate	14.47	149	886533	45.695	ng		99
86) Indeno(1,2,3-cd)pyrene	16.76	276	836419	44.613	ng		100
88) Benzo(b)fluoranthene	14.92	252	866654	53.710	ng		100
89) Benzo(k)fluoranthene	14.95	252	769717	51.474	ng		100
90) Benzo(a)pyrene	15.27	252	724800	49.770	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	704487	54.979	ng		100
92) Benzo(g,h,i)perylene	17.18	276	724689	57.239	ng		100

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

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