Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119388.D
Acq On : 12 Mar 2020 19:03
Operator : CG/JU
Sample : L1752-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 02:52:53 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

Instrument :
BNA_F
ClientSampleId :
HD-01-031120MS

Manual Integrations APPROVED
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3/16/2020 1:47:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120645	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	474361	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	265673	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	496383	20.00	ng		0.00
76) Chrysene-d12	13.90	240	324078	20.00	ng		0.01
87) Perylene-d12	15.33	264	279956	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	863097	119.56	ng		0.02
7) Phenol-d6	6.39	99	966119	110.04	ng		0.00
23) Nitrobenzene-d5	7.29	82	724398	80.63	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	390332	112.31	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1425514	79.05	ng		0.00
79) Terphenyl-d14	12.83	244	1740053	92.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	115198	35.840	ng	#	86
3) Pyridine	3.34	79	181372	20.662	ng		97
4) n-Nitrosodimethylamine	3.22	42	117757	44.284	ng		90
6) Aniline	6.40	93	100439	9.271	ng	#	29
8) 2-Chlorophenol	6.52	128	357836	45.930	ng		99
9) Benzaldehyde	6.28	77	246535	42.028	ng		97
10) Phenol	6.40	94	358072	37.721	ng		78
11) bis(2-Chloroethyl)ether	6.46	93	326915	45.010	ng		99
12) 1,3-Dichlorobenzene	6.66	146	386333	41.373	ng		96
13) 1,4-Dichlorobenzene	6.74	146	393877	42.152	ng		99
14) 1,2-Dichlorobenzene	6.89	146	359953	42.238	ng		98
15) Benzyl Alcohol	6.89	79	303643	47.852	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	257229	40.884	ng	#	42
17) 2-Methylphenol	7.00	107	282998	44.803	ng		94
18) Hexachloroethane	7.23	117	140261	41.956	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	249209	48.712	ng		96
20) 3+4-Methylphenols	7.16	107	380202	49.131	ng	#	85
22) Acetophenone	7.14	105	488238	44.484	ng	#	95
24) Nitrobenzene	7.31	77	378585	42.612	ng		96
25) Isophorone	7.55	82	677090	43.396	ng		99
26) 2-Nitrophenol	7.63	139	198527	42.174	ng		99
27) 2,4-Dimethylphenol	7.67	122	310807	48.649	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	405822	39.960	ng		98
29) 2,4-Dichlorophenol	7.89	162	314187	41.774	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	340550	38.190	ng		98
31) Naphthalene	8.03	128	1035204	42.079	ng		98
32) Benzoic acid	7.86	122	146209	33.679	ng		96
33) 4-Chloroaniline	8.10	127	84181	7.956	ng		97
34) Hexachlorobutadiene	8.14	225	209192	37.661	ng		98
35) Caprolactam	8.47	113	74010m	31.958	ng		
36) 4-Chloro-3-methylphenol	8.59	107	338478	44.468	ng		100
37) 2-Methylnaphthalene	8.72	142	714029	43.129	ng		97
38) 1-Methylnaphthalene	8.82	142	670074	43.036	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	353218	39.433	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	103382	37.379	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	217806	38.505	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	223463	37.647	ng		99
46) 1,1'-Biphenyl	9.18	154	869880	40.513	ng		98
47) 2-Chloronaphthalene	9.21	162	689550	39.851	ng		98
48) 2-Nitroaniline	9.32	65	198698	41.171	ng		96
49) Acenaphthylene	9.62	152	1049046	41.977	ng		99
50) Dimethylphthalate	9.49	163	899083	44.256	ng		100
51) 2,6-Dinitrotoluene	9.56	165	187550	41.553	ng	#	72
52) Acenaphthene	9.79	154	631618	41.915	ng		99
53) 3-Nitroaniline	9.75	138	45258	9.045	ng	#	98
54) 2,4-Dinitrophenol	9.86	184	156513	72.156	ng		91
55) Dibenzofuran	9.97	168	932654	41.466	ng		99
56) 4-Nitrophenol	9.93	139	74229m	24.691	ng		
57) 2,4-Dinitrotoluene	9.97	165	241749	41.322	ng		97
58) Fluorene	10.31	166	766592	43.862	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	207178	41.365	ng		98
60) Diethylphthalate	10.19	149	811595	42.392	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	394695	42.664	ng		100
62) 4-Nitroaniline	10.36	138	160677	31.386	ng		96
63) Azobenzene	10.46	77	737841	44.339	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	122127	40.659	ng		98
66) n-Nitrosodiphenylamine	10.42	169	686271	42.223	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	256562	39.542	ng		99
68) Hexachlorobenzene	10.87	284	295084	39.446	ng		96
69) Atrazine	10.96	200	223883	39.425	ng		97
70) Pentachlorophenol	11.07	266	181951	60.380	ng		99
71) Phenanthrene	11.27	178	1123079	41.487	ng		98
72) Anthracene	11.33	178	1177841	43.547	ng		98
73) Carbazole	11.49	167	1022066	42.416	ng		99
74) Di-n-butylphthalate	11.80	149	1218397	41.754	ng		99
75) Fluoranthene	12.47	202	1194125	41.557	ng		98
77) Benzidine	12.59	184	270166	20.498	ng		97
78) Pyrene	12.69	202	1184820	45.530	ng		99
80) Butylbenzylphthalate	13.30	149	466942	42.634	ng		99
81) Benzo(a)anthracene	13.89	228	955527	43.273	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	133196	15.534	ng		99
83) Chrysene	13.92	228	937814	42.623	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	592200	42.799	ng	#	97
85) Di-n-octyl phthalate	14.47	149	849497	38.533	ng		99
86) Indeno(1,2,3-cd)pyrene	16.76	276	794437	37.290	ng		99
88) Benzo(b)fluoranthene	14.92	252	759013	41.132	ng		100
89) Benzo(k)fluoranthene	14.95	252	825395	48.266	ng		99
90) Benzo(a)pyrene	15.27	252	700317	42.050	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	661769	45.160	ng		100
92) Benzo(g,h,i)perylene	17.18	276	672219	46.428	ng		99

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

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