Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119320.D
Acq On : 10 Mar 2020 16:51
Operator : CG/JU
Sample : L1852-19MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-DMS

Quant Time: Mar 11 01:39:03 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	6.73	152	107983	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	417332	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	215482	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	329379	20.00	ng		0.00
76) Chrysene-d12	13.89	240	224825	20.00	ng		0.00
87) Perylene-d12	15.32	264	208147	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	752814	116.51	ng		0.02
7) Phenol-d6	6.39	99	884178	112.51	ng		0.01
23) Nitrobenzene-d5	7.30	82	604566	76.49	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	258282	91.63	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1122275	76.73	ng		0.00
79) Terphenyl-d14	12.83	244	999863	76.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	110120	38.278	ng		98
3) Pyridine	3.20	79	261209	33.246	ng		98
4) n-Nitrosodimethylamine	3.14	42	108564	45.614	ng		94
6) Aniline	6.39	93	276761	28.542	ng	#	74
8) 2-Chlorophenol	6.52	128	335003	48.042	ng		99
9) Benzaldehyde	6.28	77	231927	44.174	ng		97
10) Phenol	6.40	94	383388	45.124	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	299322	46.043	ng		99
12) 1,3-Dichlorobenzene	6.67	146	369370	44.195	ng		99
13) 1,4-Dichlorobenzene	6.74	146	372751	44.569	ng		99
14) 1,2-Dichlorobenzene	6.90	146	341831	44.815	ng		98
15) Benzyl Alcohol	6.88	79	272839	48.039	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	246049	43.692	ng	#	23
17) 2-Methylphenol	7.00	107	261477	46.250	ng	#	93
18) Hexachloroethane	7.23	117	118599	39.636	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	227416	49.664	ng		99
20) 3+4-Methylphenols	7.16	107	352566	50.902	ng	#	85
22) Acetophenone	7.14	105	452768	46.890	ng		96
24) Nitrobenzene	7.32	77	343464	43.942	ng		99
25) Isophorone	7.56	82	610417	44.469	ng		100
26) 2-Nitrophenol	7.63	139	160489	38.752	ng		97
27) 2,4-Dimethylphenol	7.68	122	279744	49.771	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	374713	41.939	ng		99
29) 2,4-Dichlorophenol	7.89	162	280601	42.407	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	315462	40.211	ng		98
31) Naphthalene	8.03	128	941720	43.510	ng		99
32) Benzoic acid	7.83	122	98691	27.395	ng		98
33) 4-Chloroaniline	8.09	127	157470	16.916	ng		99
34) Hexachlorobutadiene	8.15	225	198049	40.528	ng		97
35) Caprolactam	8.47	113	81883	40.189	ng		94
36) 4-Chloro-3-methylphenol	8.59	107	292416	43.666	ng		99
37) 2-Methylnaphthalene	8.72	142	630985	43.321	ng		98
38) 1-Methylnaphthalene	8.82	142	585825	42.767	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	311667	42.899	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	10160	12.785	ng		93
43) 2,4,6-Trichlorophenol	9.02	196	192302	41.915	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	191898	39.860	ng		99
46) 1,1'-Biphenyl	9.19	154	750727	43.107	ng		97
47) 2-Chloronaphthalene	9.21	162	592063	42.187	ng		98
48) 2-Nitroaniline	9.32	65	170477	43.551	ng		95
49) Acenaphthylene	9.63	152	868143	42.830	ng		99
50) Dimethylphthalate	9.49	163	860081	52.197	ng		99
51) 2,6-Dinitrotoluene	9.56	165	144361	39.434	ng	#	79
52) Acenaphthene	9.80	154	511153	41.822	ng		100
53) 3-Nitroaniline	9.73	138	106361	26.207	ng		90
54) 2,4-Dinitrophenol	9.87	184	7747	11.423	ng	#	81
55) Dibenzofuran	9.97	168	753240	41.290	ng		100
56) 4-Nitrophenol	9.93	139	93291	38.259	ng		96
57) 2,4-Dinitrotoluene	9.97	165	172031	36.254	ng	#	83
58) Fluorene	10.31	166	590643	41.666	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	147030	36.194	ng		98
60) Diethylphthalate	10.19	149	686488	44.210	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	319247	42.547	ng		99
62) 4-Nitroaniline	10.35	138	125597	30.248	ng		92
63) Azobenzene	10.46	77	578779	42.882	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	12731	6.387	ng		98
66) n-Nitrosodiphenylamine	10.42	169	529339	49.081	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	196274	45.588	ng		98
68) Hexachlorobenzene	10.87	284	210943	42.495	ng		95
69) Atrazine	10.95	200	169966	45.105	ng		99
70) Pentachlorophenol	11.07	266	129841	64.934	ng		98
71) Phenanthrene	11.27	178	794203	44.214	ng		97
72) Anthracene	11.32	178	798610	44.496	ng		98
73) Carbazole	11.49	167	667993	41.778	ng		98
74) Di-n-butylphthalate	11.80	149	947033	48.909	ng		99
75) Fluoranthene	12.46	202	800626	41.990	ng		98
77) Benzidine	12.59	184	461665	50.491	ng		98
78) Pyrene	12.69	202	790904	43.810	ng		98
80) Butylbenzylphthalate	13.30	149	334351	44.005	ng		98
81) Benzo(a)anthracene	13.88	228	707516	46.186	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	259755	43.668	ng		99
83) Chrysene	13.92	228	669160	43.839	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	484953	50.521	ng		99
85) Di-n-octyl phthalate	14.46	149	788128	51.531	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	525548	35.559	ng		100
88) Benzo(b)fluoranthene	14.91	252	692426	50.469	ng		99
89) Benzo(k)fluoranthene	14.94	252	549395	43.210	ng		99
90) Benzo(a)pyrene	15.26	252	533218	43.062	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	437854	40.188	ng		99
92) Benzo(g,h,i)perylene	17.16	276	424680	39.450	ng		99

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

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