Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118957.D
Acq On : 20 Feb 2020 13:08
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
2/21/2020 2:18:39 PM

Quant Time: Feb 20 15:51:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 15:19:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	182807	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	687072	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	376249	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	685011	20.00	ng		0.00
76) Chrysene-d12	13.90	240	543127	20.00	ng		0.00
87) Perylene-d12	15.33	264	549360	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	260846	27.18	ng		0.00
7) Phenol-d6	6.39	99	325053	26.79	ng		-0.01
23) Nitrobenzene-d5	7.32	82	291382	23.59	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	107812	23.13	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	635819	27.30	ng		0.00
79) Terphenyl-d14	12.85	244	764848	27.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	53463	12.429	ng		98
3) Pyridine	3.21	79	144229	12.143	ng		98
4) n-Nitrosodimethylamine	3.12	42	40855	11.170	ng	#	99
6) Aniline	6.42	93	195185	12.300	ng		99
8) 2-Chlorophenol	6.55	128	139263	12.005	ng		97
9) Benzaldehyde	6.31	77	107736	14.868	ng		98
10) Phenol	6.40	94	174221	12.559	ng		80
11) bis(2-Chloroethyl)ether	6.49	93	127849	11.736	ng		96
12) 1,3-Dichlorobenzene	6.70	146	169673	12.193	ng		99
13) 1,4-Dichlorobenzene	6.77	146	167860	12.032	ng		98
14) 1,2-Dichlorobenzene	6.93	146	159802	12.472	ng		98
15) Benzyl Alcohol	6.90	79	112802	11.919	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	109189	11.116	ng		99
17) 2-Methylphenol	7.02	107	110624	11.642	ng		99
18) Hexachloroethane	7.27	117	58408	11.653	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	92204	11.910	ng		97
20) 3+4-Methylphenols	7.17	107	145751	13.143	ng		92
22) Acetophenone	7.17	105	184553	12.342	ng	#	95
24) Nitrobenzene	7.33	77	142601	11.400	ng		96
25) Isophorone	7.57	82	243069	10.989	ng		98
26) 2-Nitrophenol	7.66	139	70764	10.593	ng		96
27) 2,4-Dimethylphenol	7.70	122	100261	11.214	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	165678	11.450	ng		98
29) 2,4-Dichlorophenol	7.90	162	118818	11.144	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	146931	11.746	ng		99
31) Naphthalene	8.06	128	417080	11.979	ng		99
32) Benzoic acid	7.80	122	48811m	7.558	ng		
33) 4-Chloroaniline	8.11	127	172726	11.587	ng		99
34) Hexachlorobutadiene	8.19	225	90786	11.731	ng		97
35) Caprolactam	8.45	113	33363	10.342	ng		96
36) 4-Chloro-3-methylphenol	8.59	107	119944	11.257	ng		98
37) 2-Methylnaphthalene	8.75	142	280179	12.063	ng		99
38) 1-Methylnaphthalene	8.85	142	263178	12.083	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	148097	12.269	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	18481	5.103	ng		93
43) 2,4,6-Trichlorophenol	9.03	196	85666	10.754	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	90170	10.918	ng		97
46) 1,1'-Biphenyl	9.22	154	363041	12.551	ng		98
47) 2-Chloronaphthalene	9.24	162	287807	11.989	ng		97
48) 2-Nitroaniline	9.33	65	71991	10.718	ng		97
49) Acenaphthylene	9.65	152	416962	12.165	ng		99
50) Dimethylphthalate	9.51	163	322861	11.366	ng		99
51) 2,6-Dinitrotoluene	9.57	165	69488	10.952	ng		91
52) Acenaphthene	9.82	154	251376	12.048	ng		100
53) 3-Nitroaniline	9.74	138	75759	10.849	ng		96
54) 2,4-Dinitrophenol	9.86	184	16418	5.818	ng		93
55) Dibenzofuran	10.00	168	384525	12.346	ng		95
56) 4-Nitrophenol	9.92	139	38841	9.030	ng		99
57) 2,4-Dinitrotoluene	9.98	165	91644	11.166	ng		93
58) Fluorene	10.34	166	304694	12.623	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	78541	11.065	ng		96
60) Diethylphthalate	10.21	149	307709	11.491	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	158712	12.357	ng		98
62) 4-Nitroaniline	10.35	138	77193	10.738	ng		94
63) Azobenzene	10.49	77	270226	11.474	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	36080	8.546	ng		97
66) n-Nitrosodiphenylamine	10.45	169	263616	12.152	ng		99
67) 4-Bromophenyl-phenylether	10.82	248	101943	11.592	ng		99
68) Hexachlorobenzene	10.89	284	118139	11.734	ng	#	90
69) Atrazine	10.97	200	88097	12.133	ng		98
70) Pentachlorophenol	11.09	266	34776	8.068	ng		99
71) Phenanthrene	11.30	178	448708	12.474	ng		99
72) Anthracene	11.35	178	452846	12.583	ng		98
73) Carbazole	11.50	167	394130	12.218	ng		97
74) Di-n-butylphthalate	11.83	149	468462	11.446	ng		100
75) Fluoranthene	12.48	202	474738	11.848	ng		99
77) Benzidine	12.60	184	249772	14.364	ng		98
78) Pyrene	12.71	202	489913	12.499	ng		98
80) Butylbenzylphthalate	13.33	149	181381	10.560	ng		94
81) Benzo(a)anthracene	13.90	228	430864	12.946	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	156858	12.112	ng		100
83) Chrysene	13.93	228	421956	12.646	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	250898	11.528	ng		100
85) Di-n-octyl phthalate	14.50	149	385916	10.998	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	362770	11.047	ng		99
88) Benzo(b)fluoranthene	14.92	252	391507	10.572	ng		99
89) Benzo(k)fluoranthene	14.95	252	409295	12.437	ng		98
90) Benzo(a)pyrene	15.27	252	353258	11.072	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	301114	10.413	ng		97
92) Benzo(g,h,i)perylene	17.14	276	282380	9.897	ng		98

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

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