Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119290.D
Acq On : 9 Mar 2020 17:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/10/2020 2:44:18 PM

Quant Time: Mar 09 18:24:49 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	97148	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	374384	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	218004	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	411861	20.00	ng		0.00
76) Chrysene-d12	13.89	240	323207	20.00	ng		0.00
87) Perylene-d12	15.32	264	331459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	487524	83.87	ng		0.00
7) Phenol-d6	6.38	99	593973	84.01	ng		0.00
23) Nitrobenzene-d5	7.30	82	584740	82.47	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	228686	80.19	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1174356	79.36	ng		0.00
79) Terphenyl-d14	12.83	244	1533544	81.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	96484	37.278	ng		99
3) Pyridine	3.07	79	251112	35.526	ng		99
4) n-Nitrosodimethylamine	3.02	42	80366	37.532	ng		95
6) Aniline	6.39	93	362460	41.549	ng	#	76
8) 2-Chlorophenol	6.52	128	262214	41.797	ng		99
9) Benzaldehyde	6.28	77	163720	34.661	ng		98
10) Phenol	6.39	94	319467	41.794	ng	#	74
11) bis(2-Chloroethyl)ether	6.46	93	241254	41.250	ng		99
12) 1,3-Dichlorobenzene	6.66	146	307511	40.897	ng		95
13) 1,4-Dichlorobenzene	6.74	146	313930	41.722	ng		99
14) 1,2-Dichlorobenzene	6.90	146	291856	42.531	ng		99
15) Benzyl Alcohol	6.88	79	225393	44.111	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	210377	41.525	ng	#	49
17) 2-Methylphenol	7.00	107	213303	41.937	ng		94
18) Hexachloroethane	7.23	117	112362	41.740	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	187499	45.514	ng		97
20) 3+4-Methylphenols	7.16	107	285772	45.860	ng	#	88
22) Acetophenone	7.14	105	367130	42.383	ng	#	94
24) Nitrobenzene	7.32	77	288088	41.086	ng		99
25) Isophorone	7.55	82	507893	41.244	ng		98
26) 2-Nitrophenol	7.63	139	148810	40.054	ng		95
27) 2,4-Dimethylphenol	7.67	122	199345	39.535	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	321449	40.104	ng		98
29) 2,4-Dichlorophenol	7.88	162	239200	40.297	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	275500	39.145	ng		98
31) Naphthalene	8.03	128	785495	40.456	ng		98
32) Benzoic acid	7.84	122	123631	35.607	ng		99
33) 4-Chloroaniline	8.09	127	346344	41.473	ng		99
34) Hexachlorobutadiene	8.15	225	174860	39.887	ng		97
35) Caprolactam	8.46	113	77241m	42.260	ng		
36) 4-Chloro-3-methylphenol	8.59	107	256447	42.688	ng		96
37) 2-Methylnaphthalene	8.72	142	542243	41.499	ng		97
38) 1-Methylnaphthalene	8.82	142	508237	41.359	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	281833	38.344	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	89132	38.797 ng	99
43) 2,4,6-Trichlorophenol	9.01	196	174468	37.588 ng	99
44) 2,4,5-Trichlorophenol	9.06	196	170523	35.010 ng	99
46) 1,1'-Biphenyl	9.19	154	705098	40.019 ng	98
47) 2-Chloronaphthalene	9.21	162	559697	39.420 ng	98
48) 2-Nitroaniline	9.32	65	167729	42.354 ng	99
49) Acenaphthylene	9.62	152	820802	40.026 ng	99
50) Dimethylphthalate	9.49	163	677072	40.615 ng	99
51) 2,6-Dinitrotoluene	9.56	165	147152	39.731 ng	95
52) Acenaphthene	9.79	154	504567	40.805 ng	99
53) 3-Nitroaniline	9.73	138	164519	40.068 ng	93
54) 2,4-Dinitrophenol	9.86	184	65835	40.631 ng	95
55) Dibenzofuran	9.97	168	741642	40.184 ng	98
56) 4-Nitrophenol	9.92	139	103672	42.025 ng	97
57) 2,4-Dinitrotoluene	9.97	165	195284	40.679 ng	96
58) Fluorene	10.31	166	610434	42.564 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	159321	38.765 ng	99
60) Diethylphthalate	10.19	149	671611	42.751 ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	326570	43.019 ng	96
62) 4-Nitroaniline	10.35	138	162616	38.710 ng	95
63) Azobenzene	10.46	77	589966	43.205 ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	97234	39.015 ng	93
66) n-Nitrosodiphenylamine	10.42	169	547500	40.598 ng	99
67) 4-Bromophenyl-phenylether	10.79	248	215395	40.010 ng	98
68) Hexachlorobenzene	10.86	284	251120	40.458 ng	97
69) Atrazine	10.95	200	172667	36.646 ng	97
70) Pentachlorophenol	11.07	266	99111	39.639 ng	97
71) Phenanthrene	11.27	178	923419	41.112 ng	98
72) Anthracene	11.32	178	931598	41.511 ng	98
73) Carbazole	11.48	167	823452	41.187 ng	98
74) Di-n-butylphthalate	11.80	149	1066890	44.065 ng	98
75) Fluoranthene	12.46	202	994551	41.715 ng	99
77) Benzidine	12.58	184	533993	40.625 ng	99
78) Pyrene	12.69	202	998304	38.466 ng	99
80) Butylbenzylphthalate	13.30	149	456562	41.798 ng	99
81) Benzo(a)anthracene	13.87	228	916432	41.614 ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	352529	41.225 ng	99
83) Chrysene	13.92	228	876809	39.958 ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	638513	46.270 ng	99
85) Di-n-octyl phthalate	14.46	149	1032928	46.979 ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	822189	38.696 ng	100
88) Benzo(b)fluoranthene	14.91	252	903420	41.350 ng	99
89) Benzo(k)fluoranthene	14.93	252	845643	41.766 ng	99
90) Benzo(a)pyrene	15.26	252	789032	40.015 ng	99
91) Dibenzo(a,h)anthracene	16.72	278	690574	39.803 ng	99
92) Benzo(g,h,i)perylene	17.14	276	629618	36.728 ng	99

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

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