Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120878.D
Acq On : 16 Jul 2020 10:43
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
7/17/2020 12:30:00 PM

Quant Time: Jul 16 13:17:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 12:11:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149441	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	583103	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	301019	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	588371	20.00	ng		0.00
76) Chrysene-d12	13.97	240	519283	20.00	ng		0.00
86) Perylene-d12	15.42	264	567690	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	198844	20.54	ng		0.00
7) Phenol-d6	6.43	99	253294	20.49	ng		-0.01
23) Nitrobenzene-d5	7.37	82	204312	20.30	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	68864	22.77	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	442467	22.24	ng		0.00
79) Terphenyl-d14	12.92	244	523106	19.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	42339	9.574	ng		99
3) Pyridine	3.25	79	112860	9.317	ng		99
4) n-Nitrosodimethylamine	3.18	42	47373	7.818	ng	#	99
6) Aniline	6.47	93	157832	9.941	ng		99
8) 2-Chlorophenol	6.59	128	105982	10.282	ng		97
9) Benzaldehyde	6.36	77	76727	10.435	ng		96
10) Phenol	6.45	94	139344m	10.956	ng		
11) bis(2-Chloroethyl)ether	6.55	93	103828	10.033	ng		99
12) 1,3-Dichlorobenzene	6.75	146	116827	10.298	ng		98
13) 1,4-Dichlorobenzene	6.83	146	115721	10.184	ng		98
14) 1,2-Dichlorobenzene	6.99	146	111874	10.348	ng		97
15) Benzyl Alcohol	6.95	79	89326	9.616	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	151570	9.390	ng		98
17) 2-Methylphenol	7.06	107	93112	10.098	ng		99
18) Hexachloroethane	7.33	117	41560	9.731	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	73950	9.934	ng		98
20) 3+4-Methylphenols	7.22	107	119692	10.540	ng	#	86
22) Acetophenone	7.22	105	146149	10.084	ng		97
24) Nitrobenzene	7.39	77	109359	9.678	ng		100
25) Isophorone	7.63	82	205483	9.467	ng		99
26) 2-Nitrophenol	7.71	139	46937	11.363	ng		93
27) 2,4-Dimethylphenol	7.75	122	85884	9.912	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	126893	9.878	ng		98
29) 2,4-Dichlorophenol	7.95	162	85948	9.937	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	97142	9.999	ng		97
31) Naphthalene	8.12	128	320199	10.275	ng		99
32) Benzoic acid	7.82	122	53378	11.384	ng		99
33) 4-Chloroaniline	8.16	127	133477	10.094	ng		98
34) Hexachlorobutadiene	8.24	225	58586	10.027	ng		97
35) Caprolactam	8.50	113	26136	10.370	ng		93
36) 4-Chloro-3-methylphenol	8.64	107	87506	9.726	ng		99
37) 2-Methylnaphthalene	8.81	142	206978	10.217	ng		98
38) 1-Methylnaphthalene	8.91	142	196704	10.366	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	93204	10.245	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	47734	8.880	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	61875	9.981	ng		97
44) 2,4,5-Trichlorophenol	9.12	196	71639	10.413	ng		99
46) 1,1'-Biphenyl	9.27	154	249662	10.282	ng		98
47) 2-Chloronaphthalene	9.30	162	197532	10.155	ng		98
48) 2-Nitroaniline	9.39	65	55294	10.624	ng		97
49) Acenaphthylene	9.71	152	308274	10.108	ng		99
50) Dimethylphthalate	9.57	163	225751	10.281	ng		99
51) 2,6-Dinitrotoluene	9.63	165	44526	11.224	ng		95
52) Acenaphthene	9.88	154	193362	10.220	ng		99
53) 3-Nitroaniline	9.80	138	57897	11.813	ng		98
54) 2,4-Dinitrophenol	9.90	184	13652	10.420	ng	#	90
55) Dibenzofuran	10.06	168	290768	10.662	ng		96
56) 4-Nitrophenol	9.95	139	41580	11.551	ng		91
57) 2,4-Dinitrotoluene	10.03	165	58035	12.185	ng	#	82
58) Fluorene	10.40	166	219744	10.825	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	54521	10.650	ng		99
60) Diethylphthalate	10.27	149	229474	10.032	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	112910	11.065	ng		96
62) 4-Nitroaniline	10.40	138	55193	11.830	ng		95
63) Azobenzene	10.55	77	223730	9.561	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	22195	11.741	ng		80
66) n-Nitrosodiphenylamine	10.50	169	193411	9.807	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	65529	9.601	ng		99
68) Hexachlorobenzene	10.95	284	72412	10.111	ng	#	92
69) Atrazine	11.03	200	53126	10.457	ng		98
70) Pentachlorophenol	11.13	266	36658	9.047	ng		97
71) Phenanthrene	11.36	178	324800	10.174	ng		99
72) Anthracene	11.41	178	320314	9.929	ng		100
73) Carbazole	11.56	167	314582	10.148	ng		99
74) Di-n-butylphthalate	11.90	149	367722	9.581	ng		99
75) Fluoranthene	12.55	202	354191	10.415	ng		96
77) Benzidine	12.66	184	137289	9.367	ng		99
78) Pyrene	12.77	202	371133	8.949	ng		99
80) Butylbenzylphthalate	13.40	149	156088	8.717	ng		94
81) Benzo(a)anthracene	13.96	228	342429	10.287	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	118508	10.550	ng		98
83) Chrysene	13.99	228	337676	9.945	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	223376	9.513	ng		98
85) Di-n-octyl phthalate	14.57	149	397241	9.563	ng		99
87) Indeno(1,2,3-cd)pyrene	16.83	276	385339	10.583	ng		99
88) Benzo(b)fluoranthene	14.99	252	346340	9.280	ng		100
89) Benzo(k)fluoranthene	15.02	252	309219	8.515	ng		99
90) Benzo(a)pyrene	15.35	252	308086	9.254	ng		99
91) Dibenzo(a,h)anthracene	16.85	278	323295	10.653	ng		97
92) Benzo(g,h,i)perylene	17.26	276	308439	11.120	ng		99

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

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