Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116654.D
Acq On : 30 Aug 2019 16:28
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:09 PM

Quant Time: Aug 30 18:16:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 18:11:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131281	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	544300	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	275770	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	440564	20.00	ng		0.00
76) Chrysene-d12	14.00	240	329225	20.00	ng		0.00
87) Perylene-d12	15.45	264	308782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	193561	18.55	ng		0.00
7) Phenol-d6	6.46	99	248658	20.61	ng		-0.02
23) Nitrobenzene-d5	7.40	82	201180	19.45	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	42440	13.35	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	432661	19.70	ng		0.00
79) Terphenyl-d14	12.95	244	417222	20.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	40805	7.891	ng		96
3) Pyridine	3.35	79	114685	7.929	ng		97
4) n-Nitrosodimethylamine	3.26	42	39465	7.149	ng	#	85
6) Aniline	6.50	93	169768	10.412	ng		98
8) 2-Chlorophenol	6.63	128	105208	10.332	ng		96
9) Benzaldehyde	6.39	77	87889	12.541	ng		97
10) Phenol	6.48	94	140533m	10.498	ng		
11) bis(2-Chloroethyl)ether	6.57	93	105840	10.487	ng		98
12) 1,3-Dichlorobenzene	6.79	146	118240	11.217	ng		95
13) 1,4-Dichlorobenzene	6.87	146	117811	11.599	ng		98
14) 1,2-Dichlorobenzene	7.02	146	112376	12.514	ng		99
15) Benzyl Alcohol	6.98	79	99106	12.245	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	124211	12.654	ng		98
17) 2-Methylphenol	7.09	107	88809	12.483	ng		95
18) Hexachloroethane	7.36	117	44417	12.334	ng	#	85
19) n-Nitroso-di-n-propylamine	7.25	70	80677	12.815	ng		93
20) 3+4-Methylphenols	7.25	107	110257	12.315	ng	#	81
22) Acetophenone	7.25	105	160741	10.465	ng	#	88
24) Nitrobenzene	7.42	77	103148	9.963	ng		97
25) Isophorone	7.66	82	222952	11.913	ng		100
26) 2-Nitrophenol	7.74	139	32713	7.109	ng		98
27) 2,4-Dimethylphenol	7.77	122	84988	11.656	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	140073	12.109	ng		99
29) 2,4-Dichlorophenol	7.98	162	80334	10.431	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	91806	10.357	ng		95
31) Naphthalene	8.15	128	315618	11.436	ng		99
32) Benzoic acid	7.85	122	33357	5.674	ng		95
33) 4-Chloroaniline	8.19	127	145711	12.451	ng		97
34) Hexachlorobutadiene	8.27	225	50012	9.849	ng		100
35) Caprolactam	8.53	113	31149	12.766	ng		90
36) 4-Chloro-3-methylphenol	8.67	107	92179	10.828	ng		98
37) 2-Methylnaphthalene	8.84	142	212123	11.635	ng		96
38) 1-Methylnaphthalene	8.94	142	200370	11.678	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	84021	8.981	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	42157	7.688	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	50168	7.953	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	53835	8.401	ng		93
46) 1,1'-Biphenyl	9.30	154	263700	9.875	ng		96
47) 2-Chloronaphthalene	9.33	162	203158	9.849	ng		99
48) 2-Nitroaniline	9.42	65	41539	6.570	ng		97
49) Acenaphthylene	9.75	152	310399	11.069	ng		99
50) Dimethylphthalate	9.60	163	233025	9.921	ng		98
51) 2,6-Dinitrotoluene	9.66	165	34690	7.180	ng		96
52) Acenaphthene	9.92	154	187535	11.003	ng		97
53) 3-Nitroaniline	9.82	138	45033	8.555	ng	#	85
54) 2,4-Dinitrophenol	9.93	184	6796	3.374	ng	#	39
55) Dibenzofuran	10.09	168	271656	10.523	ng		99
56) 4-Nitrophenol	9.97	139	29153	8.058	ng		86
57) 2,4-Dinitrotoluene	10.06	165	37873	6.343	ng		95
58) Fluorene	10.43	166	213571	10.257	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	39117	7.902	ng		97
60) Diethylphthalate	10.30	149	232260	10.452	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	94223	9.166	ng		99
62) 4-Nitroaniline	10.43	138	41131	7.188	ng		95
63) Azobenzene	10.58	77	238815	10.811	ng		92
65) 4,6-Dinitro-2-methylphenol	10.46	198	10260	4.314	ng		77
66) n-Nitrosodiphenylamine	10.53	169	186343	12.724	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	55651	11.101	ng		94
68) Hexachlorobenzene	10.98	284	57816	10.472	ng		93
69) Atrazine	11.06	200	54254	12.177	ng		94
70) Pentachlorophenol	11.17	266	23197	7.179	ng		99
71) Phenanthrene	11.39	178	314421	12.702	ng		99
72) Anthracene	11.44	178	315798	12.493	ng		99
73) Carbazole	11.59	167	297492	13.292	ng		99
74) Di-n-butylphthalate	11.93	149	392035	13.328	ng		99
75) Fluoranthene	12.57	202	313664	12.422	ng		99
77) Benzidine	12.69	184	164630	14.696	ng		99
78) Pyrene	12.80	202	320344	9.992	ng		99
80) Butylbenzylphthalate	13.42	149	151326	11.683	ng		99
81) Benzo(a)anthracene	13.99	228	255242	11.445	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	85945	11.712	ng		97
83) Chrysene	14.02	228	256784	11.816	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	204235	12.316	ng		99
85) Di-n-octyl phthalate	14.59	149	337205	13.475	ng		96
86) Indeno(1,2,3-cd)pyrene	16.88	276	185553	9.853	ng	#	91
88) Benzo(b)fluoranthene	15.02	252	224768	11.496	ng	#	96
89) Benzo(k)fluoranthene	15.05	252	200092	10.657	ng	#	97
90) Benzo(a)pyrene	15.38	252	190976	11.177	ng		96
91) Dibenzo(a,h)anthracene	16.90	278	151471	8.452	ng	#	96
92) Benzo(g,h,i)perylene	17.32	276	147209	8.575	ng	#	89

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

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