Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116656.D
Acq On : 30 Aug 2019 17:23
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:13 PM

Quant Time: Aug 30 18:20:39 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	131429	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	551395	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	275115	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	429312	20.00	ng		0.00
76) Chrysene-d12	14.00	240	250753	20.00	ng		0.00
87) Perylene-d12	15.44	264	221718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	649301	62.15	ng		0.00
7) Phenol-d6	6.48	99	865045	71.61	ng		0.00
23) Nitrobenzene-d5	7.41	82	773315	73.81	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	146113	46.06	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1295630	59.12	ng		0.00
79) Terphenyl-d14	12.95	244	1130618	73.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	151229	29.213	ng		100
3) Pyridine	3.35	79	441051	30.460	ng		92
4) n-Nitrosodimethylamine	3.29	42	150890	27.301	ng	#	81
6) Aniline	6.51	93	608496	37.276	ng		98
8) 2-Chlorophenol	6.64	128	360403	35.353	ng		100
9) Benzaldehyde	6.40	77	268015	38.199	ng		94
10) Phenol	6.49	94	482325	35.991	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	371724	36.789	ng		99
12) 1,3-Dichlorobenzene	6.79	146	402126	38.104	ng		98
13) 1,4-Dichlorobenzene	6.87	146	405512	39.878	ng		99
14) 1,2-Dichlorobenzene	7.02	146	375037	41.715	ng		95
15) Benzyl Alcohol	6.99	79	352708	43.528	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	442487	45.028	ng		98
17) 2-Methylphenol	7.10	107	311556	43.742	ng		96
18) Hexachloroethane	7.37	117	158369	43.929	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	282792	44.868	ng		94
20) 3+4-Methylphenols	7.25	107	371495	41.448	ng		99
22) Acetophenone	7.26	105	533535	34.290	ng		97
24) Nitrobenzene	7.43	77	401534	38.287	ng		92
25) Isophorone	7.67	82	779062	41.091	ng		100
26) 2-Nitrophenol	7.75	139	145415	31.196	ng		96
27) 2,4-Dimethylphenol	7.78	122	298442	40.405	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	483357	41.248	ng		99
29) 2,4-Dichlorophenol	7.99	162	287339	36.828	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	312560	34.806	ng		95
31) Naphthalene	8.16	128	1066397	38.143	ng		99
32) Benzoic acid	7.90	122	142928	23.997	ng		96
33) 4-Chloroaniline	8.20	127	478480	40.359	ng		99
34) Hexachlorobutadiene	8.28	225	167828	32.627	ng		98
35) Caprolactam	8.57	113	105638	42.737	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	328910	38.139	ng		96
37) 2-Methylnaphthalene	8.85	142	711721	38.537	ng		96
38) 1-Methylnaphthalene	8.95	142	662954	38.143	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	265960	28.497	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	154896	28.316	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	184489	29.317	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	186321	29.145	ng	#	92
46) 1,1'-Biphenyl	9.31	154	844932	31.717	ng		98
47) 2-Chloronaphthalene	9.33	162	677227	32.911	ng		99
48) 2-Nitroaniline	9.42	65	191767	30.405	ng		95
49) Acenaphthylene	9.75	152	1012684	36.199	ng		99
50) Dimethylphthalate	9.61	163	764320	32.619	ng		98
51) 2,6-Dinitrotoluene	9.66	165	148351	30.780	ng		94
52) Acenaphthene	9.92	154	619130	36.413	ng		99
53) 3-Nitroaniline	9.83	138	185946	35.407	ng	#	89
54) 2,4-Dinitrophenol	9.93	184	41030	20.418	ng	#	80
55) Dibenzofuran	10.09	168	881032	34.210	ng		98
56) 4-Nitrophenol	9.99	139	126813	35.135	ng		86
57) 2,4-Dinitrotoluene	10.07	165	180711	30.336	ng		97
58) Fluorene	10.43	166	655045	31.535	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	135436m	27.425	ng		
60) Diethylphthalate	10.30	149	769419	34.706	ng		97
61) 4-Chlorophenyl-phenylether	10.43	204	288820	28.164	ng		98
62) 4-Nitroaniline	10.45	138	176069	30.843	ng		94
63) Azobenzene	10.59	77	798680	36.241	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	56735	24.483	ng		71
66) n-Nitrosodiphenylamine	10.55	169	602290	42.205	ng		97
67) 4-Bromophenyl-phenylether	10.92	248	177630	36.363	ng		97
68) Hexachlorobenzene	10.99	284	184166	34.232	ng		96
69) Atrazine	11.07	200	166606	38.373	ng		98
70) Pentachlorophenol	11.17	266	89549	28.442	ng		96
71) Phenanthrene	11.39	178	971359	40.270	ng		99
72) Anthracene	11.44	178	969455	39.358	ng		99
73) Carbazole	11.59	167	918489	42.113	ng		100
74) Di-n-butylphthalate	11.93	149	1186091	41.380	ng		98
75) Fluoranthene	12.57	202	940273	38.212	ng		96
77) Benzidine	12.69	184	384168	45.026	ng		99
78) Pyrene	12.80	202	947673	38.809	ng		98
80) Butylbenzylphthalate	13.42	149	443418	44.946	ng		100
81) Benzo(a)anthracene	13.99	228	639588	37.655	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	222934	39.887	ng		98
83) Chrysene	14.03	228	659423	39.839	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	533964	42.275	ng		99
85) Di-n-octyl phthalate	14.59	149	856424	44.933	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	525521	36.640	ng	#	92
88) Benzo(b)fluoranthene	15.03	252	519328	36.991	ng	#	98
89) Benzo(k)fluoranthene	15.06	252	523632	38.839	ng		98
90) Benzo(a)pyrene	15.39	252	471336	38.418	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	421251	32.736	ng	#	92
92) Benzo(g,h,i)perylene	17.33	276	431166	34.979	ng	#	92

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

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