Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116655.D
Acq On : 30 Aug 2019 16:55
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:11 PM

Quant Time: Aug 30 18:18:44 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	120729	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	501262	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	249774	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	404456	20.00	ng		0.00
76) Chrysene-d12	14.00	240	278996	20.00	ng		0.00
87) Perylene-d12	15.44	264	258624	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	325453	33.92	ng		0.00
7) Phenol-d6	6.47	99	422549	38.08	ng		-0.01
23) Nitrobenzene-d5	7.40	82	355227	37.29	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	70693	24.54	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	685560	34.46	ng		0.00
79) Terphenyl-d14	12.94	244	648394	37.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	70905	14.911	ng		97
3) Pyridine	3.34	79	203493	15.299	ng		94
4) n-Nitrosodimethylamine	3.27	42	68217	13.437	ng	#	83
6) Aniline	6.50	93	288060	19.210	ng		99
8) 2-Chlorophenol	6.63	128	176857	18.886	ng		98
9) Benzaldehyde	6.39	77	143654	22.289	ng		99
10) Phenol	6.48	94	236273m	19.193	ng		
11) bis(2-Chloroethyl)ether	6.58	93	179452	19.334	ng		98
12) 1,3-Dichlorobenzene	6.79	146	202020	20.839	ng		95
13) 1,4-Dichlorobenzene	6.87	146	199651	21.374	ng		98
14) 1,2-Dichlorobenzene	7.02	146	189913	22.996	ng		98
15) Benzyl Alcohol	6.98	79	168051	22.578	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	209306	23.187	ng		99
17) 2-Methylphenol	7.09	107	150675	23.030	ng		96
18) Hexachloroethane	7.36	117	75687	22.855	ng	#	85
19) n-Nitroso-di-n-propylamine	7.26	70	136953	23.655	ng		90
20) 3+4-Methylphenols	7.25	107	186287	22.626	ng		98
22) Acetophenone	7.25	105	268973	19.016	ng	#	94
24) Nitrobenzene	7.42	77	182672	19.160	ng		98
25) Isophorone	7.66	82	367482	21.321	ng		100
26) 2-Nitrophenol	7.75	139	60696	14.323	ng		91
27) 2,4-Dimethylphenol	7.78	122	144207	21.476	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	231742	21.754	ng		99
29) 2,4-Dichlorophenol	7.98	162	135128	19.052	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	150819	18.475	ng		98
31) Naphthalene	8.15	128	527671	20.762	ng		100
32) Benzoic acid	7.86	122	65820	12.156	ng		97
33) 4-Chloroaniline	8.19	127	232401	21.563	ng		98
34) Hexachlorobutadiene	8.27	225	84261	18.019	ng		99
35) Caprolactam	8.54	113	50184	22.333	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	155580	19.844	ng		99
37) 2-Methylnaphthalene	8.85	142	351620	20.943	ng		95
38) 1-Methylnaphthalene	8.94	142	333461	21.104	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	135013	15.934	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	71834	14.464	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	86452	15.132	ng		94
44) 2,4,5-Trichlorophenol	9.15	196	90516	15.595	ng	#	91
46) 1,1'-Biphenyl	9.30	154	428124	17.702	ng		97
47) 2-Chloronaphthalene	9.33	162	333273	17.839	ng		99
48) 2-Nitroaniline	9.42	65	81780	14.282	ng		92
49) Acenaphthylene	9.75	152	510134	20.085	ng		99
50) Dimethylphthalate	9.60	163	378437	17.789	ng		99
51) 2,6-Dinitrotoluene	9.66	165	65131	14.885	ng		99
52) Acenaphthene	9.92	154	307052	19.891	ng		98
53) 3-Nitroaniline	9.83	138	81160	17.022	ng	#	91
54) 2,4-Dinitrophenol	9.93	184	14502	7.949	ng	#	18
55) Dibenzofuran	10.09	168	441403	18.878	ng		99
56) 4-Nitrophenol	9.97	139	53764	16.407	ng		96
57) 2,4-Dinitrotoluene	10.06	165	75572	13.973	ng		92
58) Fluorene	10.43	166	338898	17.971	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	62774	14.001	ng		91
60) Diethylphthalate	10.30	149	387607	19.258	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	150660	16.182	ng		95
62) 4-Nitroaniline	10.43	138	75608	14.588	ng		95
63) Azobenzene	10.58	77	394330	19.709	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	20341	9.317	ng		83
66) n-Nitrosodiphenylamine	10.54	169	306841	22.823	ng		96
67) 4-Bromophenyl-phenylether	10.91	248	88920	19.322	ng		99
68) Hexachlorobenzene	10.98	284	94161	18.578	ng		98
69) Atrazine	11.06	200	88510	21.638	ng		97
70) Pentachlorophenol	11.17	266	39464	13.304	ng		98
71) Phenanthrene	11.39	178	502642	22.119	ng		99
72) Anthracene	11.44	178	503801	21.710	ng		100
73) Carbazole	11.59	167	481061	23.412	ng		98
74) Di-n-butylphthalate	11.93	149	627257	23.228	ng		100
75) Fluoranthene	12.57	202	498201	21.491	ng		99
77) Benzidine	12.69	184	243354	25.635	ng		98
78) Pyrene	12.80	202	510676	18.796	ng		99
80) Butylbenzylphthalate	13.42	149	248280	22.619	ng		93
81) Benzo(a)anthracene	13.99	228	387911	20.526	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	133070	21.398	ng	#	97
83) Chrysene	14.02	228	400389	21.741	ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	320905	22.835	ng		100
85) Di-n-octyl phthalate	14.59	149	525750	24.792	ng		96
86) Indeno(1,2,3-cd)pyrene	16.89	276	286734	17.968	ng	#	92
88) Benzo(b)fluoranthene	15.03	252	332753	20.319	ng		99
89) Benzo(k)fluoranthene	15.06	252	323651	20.580	ng		99
90) Benzo(a)pyrene	15.39	252	290224	20.280	ng		97
91) Dibenzo(a,h)anthracene	16.90	278	238144	15.866	ng	#	94
92) Benzo(g,h,i)perylene	17.32	276	225197	15.663	ng	#	93

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

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