Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116658.D
Acq On : 30 Aug 2019 18:17
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
8/31/2019 2:45:15 PM

Quant Time: Aug 30 18:52:59 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	151251	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	637134	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	316527	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	500909	20.00	ng		0.00
76) Chrysene-d12	14.00	240	285315	20.00	ng		0.00
87) Perylene-d12	15.45	264	263823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1054668	87.73	ng		0.00
7) Phenol-d6	6.49	99	1412603	101.62	ng		0.01
23) Nitrobenzene-d5	7.42	82	1328154	109.70	ng		0.01
42) 2,4,6-Tribromophenol	10.68	330	245381	67.23	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2018067	80.04	ng		0.00
79) Terphenyl-d14	12.96	244	1756009	99.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	257280	43.186	ng		98
3) Pyridine	3.35	79	731162	43.877	ng		96
4) n-Nitrosodimethylamine	3.31	42	257625	40.504	ng		85
6) Aniline	6.52	93	990488	52.725	ng		97
8) 2-Chlorophenol	6.65	128	578710	49.328	ng		99
9) Benzaldehyde	6.40	77	387988	48.051	ng		98
10) Phenol	6.50	94	767360	49.757	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	615108	52.898	ng		97
12) 1,3-Dichlorobenzene	6.80	146	656191	54.029	ng		98
13) 1,4-Dichlorobenzene	6.87	146	652013	55.716	ng		97
14) 1,2-Dichlorobenzene	7.03	146	598732	57.868	ng		95
15) Benzyl Alcohol	7.00	79	579280	62.121	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	726170	64.212	ng		98
17) 2-Methylphenol	7.10	107	519226	63.345	ng		96
18) Hexachloroethane	7.37	117	258125	62.216	ng		90
19) n-Nitroso-di-n-propylamine	7.28	70	472478	65.139	ng		91
20) 3+4-Methylphenols	7.26	107	575977	55.840	ng	#	84
22) Acetophenone	7.27	105	847798	47.155	ng	#	93
24) Nitrobenzene	7.44	77	666554	55.004	ng		97
25) Isophorone	7.68	82	1321742	60.332	ng		100
26) 2-Nitrophenol	7.75	139	266562	49.490	ng		94
27) 2,4-Dimethylphenol	7.79	122	488010	57.179	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	780648	57.653	ng		98
29) 2,4-Dichlorophenol	7.99	162	470977	52.242	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	499114	48.101	ng		96
31) Naphthalene	8.16	128	1683393	52.110	ng		98
32) Benzoic acid	7.94	122	324631	47.170	ng		99
33) 4-Chloroaniline	8.20	127	780536	56.977	ng		99
34) Hexachlorobutadiene	8.28	225	270047	45.434	ng		98
35) Caprolactam	8.60	113	177455m	62.130	ng		
36) 4-Chloro-3-methylphenol	8.69	107	544462	54.637	ng		100
37) 2-Methylnaphthalene	8.85	142	1121678	52.562	ng		96
38) 1-Methylnaphthalene	8.95	142	1058154	52.688	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	420317	39.143	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	257476	40.910	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	302875	41.833	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	316489	43.029	ng	#	91
46) 1,1'-Biphenyl	9.32	154	1317951	43.001	ng		98
47) 2-Chloronaphthalene	9.34	162	1064141	44.948	ng		99
48) 2-Nitroaniline	9.43	65	355445	48.982	ng		92
49) Acenaphthylene	9.75	152	1607316	49.937	ng		98
50) Dimethylphthalate	9.62	163	1232602	45.722	ng		98
51) 2,6-Dinitrotoluene	9.67	165	256941	46.336	ng		94
52) Acenaphthene	9.93	154	994157	50.820	ng		99
53) 3-Nitroaniline	9.85	138	323951	53.614	ng	#	92
54) 2,4-Dinitrophenol	9.95	184	88457	38.261	ng		90
55) Dibenzofuran	10.10	168	1382266	46.651	ng		97
56) 4-Nitrophenol	10.00	139	228489	55.024	ng		87
57) 2,4-Dinitrotoluene	10.07	165	327901	47.842	ng		91
58) Fluorene	10.44	166	1044903	43.723	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	230509	40.570	ng		94
60) Diethylphthalate	10.32	149	1228544	48.166	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	451073	38.232	ng		90
62) 4-Nitroaniline	10.46	138	324965	49.478	ng		93
63) Azobenzene	10.59	77	1302865	51.384	ng		93
65) 4,6-Dinitro-2-methylphenol	10.49	198	119467	44.185	ng		81
66) n-Nitrosodiphenylamine	10.55	169	973958	58.494	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	286315	50.234	ng		95
68) Hexachlorobenzene	10.99	284	297383	47.375	ng		93
69) Atrazine	11.07	200	268950	53.090	ng		96
70) Pentachlorophenol	11.17	266	158041	43.021	ng		98
71) Phenanthrene	11.40	178	1511832	53.718	ng		99
72) Anthracene	11.45	178	1543280	53.699	ng		99
73) Carbazole	11.60	167	1483344	58.290	ng		99
74) Di-n-butylphthalate	11.93	149	1842575	55.094	ng		99
75) Fluoranthene	12.58	202	1496916	52.139	ng		96
77) Benzidine	12.69	184	663482	68.342	ng		97
78) Pyrene	12.81	202	1499361	53.964	ng		98
80) Butylbenzylphthalate	13.42	149	734218	65.407	ng		95
81) Benzo(a)anthracene	13.99	228	1014054	52.469	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	342249	53.817	ng		95
83) Chrysene	14.03	228	1038557	55.144	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	878180	61.105	ng		98
85) Di-n-octyl phthalate	14.59	149	1435882	66.210	ng		97
86) Indeno(1,2,3-cd)pyrene	16.90	276	920281	56.391	ng	#	92
88) Benzo(b)fluoranthene	15.03	252	862678	51.641	ng	#	98
89) Benzo(k)fluoranthene	15.06	252	834096m	51.993	ng		
90) Benzo(a)pyrene	15.40	252	787290	53.930	ng		97
91) Dibenzo(a,h)anthracene	16.93	278	727058	47.483	ng	#	96
92) Benzo(g,h,i)perylene	17.34	276	776538	52.944	ng	#	92

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

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