Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117023.D
Acq On : 13 Sep 2019 15:08
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
Jagrut
9/16/2019 3:29:31 PM

Quant Time: Sep 13 16:24:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 14:40:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84359	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	349130	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	177393	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	288892	20.00	ng		0.00
76) Chrysene-d12	13.98	240	187521	20.00	ng		0.00
87) Perylene-d12	15.42	264	159134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1007551	193.49	ng		0.01
7) Phenol-d6	6.48	99	1286679	188.18	ng		0.02
23) Nitrobenzene-d5	7.40	82	1260732	206.15	ng		0.02
42) 2,4,6-Tribromophenol	10.66	330	282932	238.58	ng		0.01
45) 2-Fluorobiphenyl	9.19	172	2009973	191.14	ng		0.01
79) Terphenyl-d14	12.93	244	1917248	189.14	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	218053	90.714	ng		98
3) Pyridine	3.32	79	620729	89.188	ng		97
4) n-Nitrosodimethylamine	3.30	42	216034	90.393	ng		100
6) Aniline	6.50	93	817858	86.360	ng		100
8) 2-Chlorophenol	6.62	128	531450	93.494	ng		98
10) Phenol	6.49	94	711781	94.009	ng		87
11) bis(2-Chloroethyl)ether	6.57	93	535498	90.832	ng		99
12) 1,3-Dichlorobenzene	6.77	146	607082	94.495	ng		96
13) 1,4-Dichlorobenzene	6.85	146	617510	96.545	ng		97
14) 1,2-Dichlorobenzene	7.00	146	555929	93.790	ng		97
15) Benzyl Alcohol	6.98	79	496474	89.450	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	539634	78.017	ng		97
17) 2-Methylphenol	7.09	107	460383	92.519	ng	#	90
18) Hexachloroethane	7.34	117	241162	97.047	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	412420	91.606	ng		98
20) 3+4-Methylphenols	7.25	107	552003	95.407	ng	#	86
22) Acetophenone	7.25	105	814425	96.894	ng	#	96
24) Nitrobenzene	7.42	77	618769	99.481	ng		97
25) Isophorone	7.66	82	1153042	93.043	ng		99
26) 2-Nitrophenol	7.73	139	283622	122.649	ng		96
27) 2,4-Dimethylphenol	7.77	122	424074	90.804	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	690474	91.175	ng		99
29) 2,4-Dichlorophenol	7.97	162	440036	98.043	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	468903	96.322	ng		99
31) Naphthalene	8.13	128	1536861	92.574	ng		99
32) Benzoic acid	7.95	122	368171	139.618	ng		99
33) 4-Chloroaniline	8.18	127	678390	89.770	ng		99
34) Hexachlorobutadiene	8.25	225	265521	100.033	ng		97
35) Caprolactam	8.59	113	166322m	99.020	ng		
36) 4-Chloro-3-methylphenol	8.67	107	513242	99.495	ng		99
37) 2-Methylnaphthalene	8.82	142	1036560	93.842	ng		99
38) 1-Methylnaphthalene	8.92	142	969790	93.006	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	422262	99.299	ng		99
41) Hexachlorocyclopentadiene	8.97	237	211222	86.015	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	292764	100.433	ng		97
44) 2,4,5-Trichlorophenol	9.15	196	309439	102.249	ng		96
46) 1,1'-Biphenyl	9.29	154	1269845	94.337	ng		98
47) 2-Chloronaphthalene	9.32	162	1009199	94.659	ng		99
48) 2-Nitroaniline	9.41	65	342143	111.004	ng		94
49) Acenaphthylene	9.73	152	1468691	91.131	ng		98
50) Dimethylphthalate	9.60	163	1206725	98.531	ng		99
51) 2,6-Dinitrotoluene	9.66	165	249343	106.709	ng		92
52) Acenaphthene	9.90	154	892302	90.110	ng		99
53) 3-Nitroaniline	9.83	138	308574	105.376	ng		97
54) 2,4-Dinitrophenol	9.93	184	115808	168.701	ng		99
55) Dibenzofuran	10.07	168	1275581	91.378	ng		98
56) 4-Nitrophenol	9.99	139	211981	105.574	ng		97
57) 2,4-Dinitrotoluene	10.06	165	321658	112.579	ng	#	84
58) Fluorene	10.42	166	1048838	98.607	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	241733	110.677	ng		98
60) Diethylphthalate	10.29	149	1175096	95.786	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	457205	98.161	ng		93
62) 4-Nitroaniline	10.45	138	318586	112.106	ng		96
63) Azobenzene	10.56	77	1174961	91.851	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	144394	147.997	ng		82
66) n-Nitrosodiphenylamine	10.53	169	920293	92.087	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	280841	95.695	ng		92
68) Hexachlorobenzene	10.96	284	304423	99.144	ng		94
69) Atrazine	11.05	200	171986	61.446	ng		97
70) Pentachlorophenol	11.15	266	155507	104.694	ng		97
71) Phenanthrene	11.37	178	1479340	91.990	ng		99
72) Anthracene	11.43	178	1516193	93.659	ng		97
73) Carbazole	11.57	167	1430557	92.771	ng		98
74) Di-n-butylphthalate	11.90	149	1806947	91.405	ng		99
75) Fluoranthene	12.56	202	1487210	94.102	ng		98
77) Benzidine	12.67	184	405409	55.120	ng	#	93
78) Pyrene	12.79	202	1519215	91.138	ng		99
80) Butylbenzylphthalate	13.39	149	773132	95.374	ng		97
81) Benzo(a)anthracene	13.97	228	1171996	98.751	ng		99
83) Chrysene	14.01	228	1121280	91.704	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1013035	101.237	ng		100
85) Di-n-octyl phthalate	14.56	149	1603991	97.951	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	838609	85.389	ng		100
88) Benzo(b)fluoranthene	15.01	252	927927	96.448	ng		100
89) Benzo(k)fluoranthene	15.04	252	830975	94.728	ng		98
90) Benzo(a)pyrene	15.37	252	793314	94.776	ng		97
91) Dibenzo(a,h)anthracene	16.89	278	671336	91.629	ng		99
92) Benzo(g,h,i)perylene	17.30	276	682617	91.354	ng		100

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

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