Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112711.D
Acq On : 27 Feb 2019 10:47
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
2/28/2019 12:46:48 PM

Quant Time: Feb 27 16:02:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 15:34:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	217394	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	878130	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	403739	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	797863	20.00	ng		0.00
76) Chrysene-d12	13.87	240	643915	20.00	ng		0.00
87) Perylene-d12	15.27	264	588402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	307973	30.09	ng		-0.01
7) Phenol-d6	6.36	99	388957	27.35	ng		-0.01
23) Nitrobenzene-d5	7.29	82	305299	20.03	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	92999	19.79	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	635935	22.28	ng		0.00
79) Terphenyl-d14	12.82	244	695628	20.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	73578	18.047	ng		98
3) Pyridine	3.15	79	196415	18.939	ng		99
4) n-Nitrosodimethylamine	3.05	42	81903	18.797	ng	#	97
6) Aniline	6.39	93	259616	15.346	ng		99
8) 2-Chlorophenol	6.52	128	170771	12.403	ng		99
9) Benzaldehyde	6.28	77	139045	18.705	ng		99
10) Phenol	6.37	94	216748	13.892	ng		91
11) bis(2-Chloroethyl)ether	6.47	93	170644	13.892	ng		96
12) 1,3-Dichlorobenzene	6.68	146	174983	10.913	ng		97
13) 1,4-Dichlorobenzene	6.76	146	177416	10.751	ng		97
14) 1,2-Dichlorobenzene	6.91	146	166939	10.805	ng		97
15) Benzyl Alcohol	6.87	79	143099	11.936	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	280321	17.773	ng		99
17) 2-Methylphenol	6.99	107	134162	12.292	ng		97
18) Hexachloroethane	7.26	117	65919	11.375	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	118568	12.091	ng		97
20) 3+4-Methylphenols	7.14	107	171707	12.302	ng	#	86
22) Acetophenone	7.14	105	240978	11.270	ng	#	98
24) Nitrobenzene	7.31	77	170139	11.178	ng		95
25) Isophorone	7.56	82	330935	13.842	ng		100
26) 2-Nitrophenol	7.63	139	60865	7.483	ng		99
27) 2,4-Dimethylphenol	7.67	122	135575	12.098	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	211723	13.006	ng		98
29) 2,4-Dichlorophenol	7.87	162	129132	10.297	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	141807	9.837	ng		99
31) Naphthalene	8.04	128	490428	11.943	ng		98
32) Benzoic acid	7.73	122	67067m	10.491	ng		
33) 4-Chloroaniline	8.09	127	199874	11.178	ng		99
34) Hexachlorobutadiene	8.17	225	79155	9.357	ng		99
35) Caprolactam	8.42	113	42260	9.552	ng		98
36) 4-Chloro-3-methylphenol	8.56	107	144115	10.855	ng		99
37) 2-Methylnaphthalene	8.73	142	309927	11.025	ng		100
38) 1-Methylnaphthalene	8.83	142	304048	11.284	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	134072	10.114	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	68360	17.371	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	85427	10.455	ng		100
44) 2,4,5-Trichlorophenol	9.04	196	91821	10.752	ng		97
46) 1,1'-Biphenyl	9.19	154	394741	11.184	ng		98
47) 2-Chloronaphthalene	9.22	162	288495	10.540	ng		97
48) 2-Nitroaniline	9.30	65	74440	9.978	ng		95
49) Acenaphthylene	9.63	152	501227	12.494	ng		98
50) Dimethylphthalate	9.49	163	331925	10.581	ng		100
51) 2,6-Dinitrotoluene	9.55	165	62044	8.831	ng		88
52) Acenaphthene	9.80	154	285689	11.921	ng		99
53) 3-Nitroaniline	9.71	138	76004	9.986	ng		94
54) 2,4-Dinitrophenol	9.81	184	14481	6.423	ng	#	1
55) Dibenzofuran	9.97	168	427863	11.683	ng		97
56) 4-Nitrophenol	9.86	139	60158	14.950	ng		96
57) 2,4-Dinitrotoluene	9.94	165	73682	8.238	ng		95
58) Fluorene	10.31	166	321493	11.731	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	75785	11.743	ng		98
60) Diethylphthalate	10.19	149	345683	11.105	ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	147368	9.885	ng		93
62) 4-Nitroaniline	10.31	138	69167	9.265	ng		97
63) Azobenzene	10.46	77	359215	13.121	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	21753	4.863	ng		97
66) n-Nitrosodiphenylamine	10.42	169	285066	10.601	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	91748	9.777	ng		96
68) Hexachlorobenzene	10.86	284	102071	10.138	ng	#	89
69) Atrazine	10.95	200	84865	9.781	ng		98
70) Pentachlorophenol	11.05	266	55941	14.280	ng		97
71) Phenanthrene	11.27	178	473309	11.411	ng		98
72) Anthracene	11.32	178	474773	11.490	ng		99
73) Carbazole	11.47	167	464132	11.388	ng		98
74) Di-n-butylphthalate	11.82	149	555071	10.972	ng		99
75) Fluoranthene	12.45	202	508958	11.440	ng		99
77) Benzidine	12.57	184	330909	18.671	ng		97
78) Pyrene	12.67	202	519850	11.661	ng		98
80) Butylbenzylphthalate	13.30	149	214550	9.947	ng		96
81) Benzo(a)anthracene	13.86	228	446028	11.783	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	165291	11.668	ng		98
83) Chrysene	13.89	228	435504	12.053	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	268755	8.778	ng	#	98
85) Di-n-octyl phthalate	14.47	149	445650	9.461	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	348372	12.168	ng		100
88) Benzo(b)fluoranthene	14.87	252	389869	11.079	ng		99
89) Benzo(k)fluoranthene	14.90	252	381658	11.323	ng		98
90) Benzo(a)pyrene	15.21	252	354809	11.206	ng		97
91) Dibenzo(a,h)anthracene	16.63	278	285297	11.180	ng		99
92) Benzo(g,h,i)perylene	17.02	276	277367	11.521	ng		98

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

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