Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022719\
Data File : BF112710.D
Acq On : 27 Feb 2019 10:19
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
3/1/2019 3:53:45 PM

Quant Time: Mar 01 15:06:57 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	216167	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	867802	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	415988	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	831094	20.00	ng		0.00
76) Chrysene-d12	13.87	240	739707	20.00	ng		0.00
87) Perylene-d12	15.27	264	725930	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	80490	7.91	ng		-0.01
7) Phenol-d6	6.35	99	102953	7.28	ng		-0.02
23) Nitrobenzene-d5	7.29	82	71514	4.75	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	23684	4.89	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	181360m	6.17	ng		0.00
79) Terphenyl-d14	12.82	244	214091	5.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	17960	4.430	ng	#	95
3) Pyridine	3.20	79	41969	4.070	ng		95
4) n-Nitrosodimethylamine	3.07	42	18812	4.342	ng	#	94
6) Aniline	6.39	93	66997	3.983	ng		96
8) 2-Chlorophenol	6.52	128	43791	3.199	ng		98
9) Benzaldehyde	6.27	77	35598	4.816	ng		90
10) Phenol	6.36	94	57062	3.678	ng		91
11) bis(2-Chloroethyl)ether	6.47	93	44502	3.643	ng		92
12) 1,3-Dichlorobenzene	6.68	146	45565	2.858	ng		94
13) 1,4-Dichlorobenzene	6.76	146	46964	2.862	ng		96
14) 1,2-Dichlorobenzene	6.91	146	44252	2.880	ng		98
15) Benzyl Alcohol	6.87	79	36872	3.093	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	72068	4.595	ng		100
17) 2-Methylphenol	6.98	107	34312	3.162	ng		97
18) Hexachloroethane	7.26	117	16946	2.941	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	31144	3.194	ng	#	98
24) Nitrobenzene	7.31	77	41101	2.733	ng		99
25) Isophorone	7.55	82	86035	3.641	ng		98
26) 2-Nitrophenol	7.63	139	13258	1.649	ng		96
27) 2,4-Dimethylphenol	7.67	122	34843	3.146	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	55704	3.462	ng		98
29) 2,4-Dichlorophenol	7.87	162	32747	2.642	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	37125	2.606	ng		98
31) Naphthalene	8.04	128	132525	3.266	ng		97
33) 4-Chloroaniline	8.09	127	51975	2.941	ng		97
34) Hexachlorobutadiene	8.17	225	20409	2.441	ng		96
35) Caprolactam	8.40	113	10656	2.437	ng		99
36) 4-Chloro-3-methylphenol	8.56	107	36370	2.772	ng		99
37) 2-Methylnaphthalene	8.73	142	83994	3.023	ng		97
38) 1-Methylnaphthalene	8.83	142	80443	3.021	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	35507	2.600	ng		99
41) Hexachlorocyclopentadiene	8.89	237	17505	4.317	ng		94
43) 2,4,6-Trichlorophenol	9.00	196	20685	2.457	ng		96
44) 2,4,5-Trichlorophenol	9.03	196	23610	2.683	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.22	162	77897	2.762	ng		96
48) 2-Nitroaniline	9.30	65	15747	2.049	ng		93
49) Acenaphthylene	9.63	152	133941	3.240	ng		96
50) Dimethylphthalate	9.49	163	88978	2.753	ng		98
51) 2,6-Dinitrotoluene	9.54	165	12623	1.744	ng		92
52) Acenaphthene	9.80	154	78103	3.163	ng		97
53) 3-Nitroaniline	9.70	138	17018	2.170	ng	#	93
55) Dibenzofuran	9.97	168	115624	3.064	ng		95
56) 4-Nitrophenol	9.85	139	12482	3.011	ng		95
57) 2,4-Dinitrotoluene	9.94	165	13698	1.486	ng	#	93
59) 2,3,4,6-Tetrachlorophenol	10.09	232	19528	2.937	ng		98
60) Diethylphthalate	10.19	149	94342	2.941	ng		98
62) 4-Nitroaniline	10.30	138	16235	2.111	ng		92
63) Azobenzene	10.46	77	97911	3.471	ng		97
66) n-Nitrosodiphenylamine	10.42	169	77202	2.756	ng		98
67) 4-Bromophenyl-phenylether	10.79	248	24259	2.482	ng		95
68) Hexachlorobenzene	10.86	284	27733	2.644	ng		97
69) Atrazine	10.95	200	22915	2.535	ng		97
70) Pentachlorophenol	11.05	266	13868	3.398	ng		96
72) Anthracene	11.32	178	132452	3.077	ng		97
73) Carbazole	11.47	167	130166	3.066	ng		97
74) Di-n-butylphthalate	11.82	149	154062	2.924	ng		98
77) Benzidine	12.57	184	90157	4.428	ng		97
78) Pyrene	12.67	202	151262	2.954	ng		98
80) Butylbenzylphthalate	13.30	149	59743	2.411	ng		96
81) Benzo(a)anthracene	13.86	228	133531	3.071	ng		96
82) 3,3'-Dichlorobenzidine	13.82	252	47216	2.901	ng		100
83) Chrysene	13.89	228	133921	3.226	ng		96
84) Bis(2-ethylhexyl)phthalate	13.87	149	82942	2.358	ng	#	97
85) Di-n-octyl phthalate	14.47	149	140904	2.604	ng		99
86) Indeno(1,2,3-cd)pyrene	16.61	276	121119	3.683	ng		99
88) Benzo(b)fluoranthene	14.87	252	122046	2.811	ng		99
89) Benzo(k)fluoranthene	14.90	252	118522	2.850	ng		98
90) Benzo(a)pyrene	15.21	252	111529	2.855	ng		97
91) Dibenzo(a,h)anthracene	16.63	278	102070	3.242	ng		97
92) Benzo(g,h,i)perylene	17.02	276	98325	3.310	ng		95

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

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