Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113161.D
Acq On : 20 Mar 2019 8:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/20/2019 6:51:32 PM

Quant Time: Mar 20 09:23:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	178525	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	649297	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	287973	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	438548	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	288109	20.00	ng		0.00
87) Perylene-d12	15.27	264	246237	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	795571	69.32	ng		-0.01
7) Phenol-d6	6.37	99	1002807	69.56	ng		0.00
23) Nitrobenzene-d5	7.29	82	867659	79.96	ng		0.00
42) 2,4,6-Tribromophenol	10.54	330	219117	71.67	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1463137	83.89	ng		-0.01
79) Terphenyl-d14	12.82	244	1263349	85.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	199158	34.619	ng		97
3) Pyridine	3.08	79	512594	33.305	ng		99
4) n-Nitrosodimethylamine	3.02	42	231238	34.345	ng		99
6) Aniline	6.39	93	623730	31.431	ng	#	32
8) 2-Chlorophenol	6.51	128	461017	36.086	ng		98
9) Benzaldehyde	6.27	77	279896	26.945	ng		99
10) Phenol	6.39	94	559843	33.278	ng	#	72
11) bis(2-Chloroethyl)ether	6.46	93	446292	34.562	ng		95
12) 1,3-Dichlorobenzene	6.66	146	468367	35.489	ng		98
13) 1,4-Dichlorobenzene	6.74	146	511973	38.683	ng		99
14) 1,2-Dichlorobenzene	6.90	146	445944	36.755	ng		98
15) Benzyl Alcohol	6.87	79	361033	32.842	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	670839	31.131	ng		87
17) 2-Methylphenol	6.99	107	329703	31.812	ng		96
18) Hexachloroethane	7.23	117	149076	29.404	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	296594	32.484	ng		99
20) 3+4-Methylphenols	7.15	107	414402	35.416	ng	#	70
22) Acetophenone	7.13	105	615998	40.573	ng	#	91
24) Nitrobenzene	7.31	77	453164	37.523	ng		97
25) Isophorone	7.55	82	771596	33.007	ng		97
26) 2-Nitrophenol	7.62	139	175125	34.834	ng		97
27) 2,4-Dimethylphenol	7.67	122	321833	34.410	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	541090	37.022	ng		100
29) 2,4-Dichlorophenol	7.87	162	366912	40.453	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	409378	42.006	ng		97
31) Naphthalene	8.03	128	1255790	38.956	ng		100
32) Benzoic acid	7.78	122	160169m	24.433	ng		
33) 4-Chloroaniline	8.08	127	501256	36.712	ng		99
34) Hexachlorobutadiene	8.15	225	241494	43.938	ng		99
35) Caprolactam	8.45	113	108064m	33.828	ng		
36) 4-Chloro-3-methylphenol	8.57	107	350797	34.948	ng		97
37) 2-Methylnaphthalene	8.72	142	722730	34.717	ng		98
38) 1-Methylnaphthalene	8.82	142	690182	34.225	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	360033	42.873	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	16915	3.678	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	215629	37.310	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	228962	36.652	ng		96
46) 1,1'-Biphenyl	9.18	154	941401	40.079	ng		99
47) 2-Chloronaphthalene	9.20	162	690742	37.662	ng		99
48) 2-Nitroaniline	9.30	65	206712	37.080	ng		92
49) Acenaphthylene	9.62	152	1185761	38.083	ng		100
50) Dimethylphthalate	9.48	163	882415	41.557	ng		100
51) 2,6-Dinitrotoluene	9.55	165	177584	40.162	ng	#	78
52) Acenaphthene	9.79	154	666849	36.623	ng		99
53) 3-Nitroaniline	9.71	138	225504	41.854	ng		95
54) 2,4-Dinitrophenol	9.82	184	2574	7.762	ng	#	71
55) Dibenzofuran	9.96	168	988647	37.358	ng		95
56) 4-Nitrophenol	9.89	139	115967	26.483	ng		87
57) 2,4-Dinitrotoluene	9.95	165	212348	38.635	ng		87
58) Fluorene	10.30	166	707235	37.653	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	159074	30.564	ng		93
60) Diethylphthalate	10.18	149	853500	38.058	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	369028	42.228	ng		90
62) 4-Nitroaniline	10.32	138	200014	40.174	ng		94
63) Azobenzene	10.46	77	720562	31.369	ng		93
65) 4,6-Dinitro-2-methylphenol	10.36	198	7582	8.416	ng		77
66) n-Nitrosodiphenylamine	10.42	169	655265	46.589	ng		100
67) 4-Bromophenyl-phenylether	10.78	248	223118	48.302	ng		95
68) Hexachlorobenzene	10.86	284	240394	46.167	ng	#	88
69) Atrazine	10.94	200	170025	39.471	ng		99
70) Pentachlorophenol	11.05	266	100375	32.752	ng		98
71) Phenanthrene	11.26	178	895855	41.058	ng		99
72) Anthracene	11.31	178	910468	39.862	ng		99
73) Carbazole	11.47	167	820414	36.821	ng		98
74) Di-n-butylphthalate	11.80	149	1025447	38.383	ng		100
75) Fluoranthene	12.44	202	914303	39.111	ng		97
77) Benzidine	12.56	184	394139	26.368	ng		99
78) Pyrene	12.67	202	919095	37.841	ng		99
80) Butylbenzylphthalate	13.29	149	393977	36.748	ng		97
81) Benzo(a)anthracene	13.86	228	684897	34.300	ng		98
82) 3,3'-Dichlorobenzidine	13.82	252	284986	37.737	ng		98
83) Chrysene	13.89	228	688758	35.214	ng		98
84) Bis(2-ethylhexyl)phthalate	13.85	149	477798	37.995	ng		99
85) Di-n-octyl phthalate	14.46	149	837977	38.807	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	556033	33.346	ng	#	94
88) Benzo(b)fluoranthene	14.87	252	625214	39.254	ng	#	96
89) Benzo(k)fluoranthene	14.90	252	561492	38.920	ng		97
90) Benzo(a)pyrene	15.22	252	540225	38.347	ng	#	96
91) Dibenzo(a,h)anthracene	16.64	278	467737	38.908	ng		96
92) Benzo(g,h,i)perylene	17.04	276	437364	36.232	ng	#	94

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

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