Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032919\
Data File : BG040229.D
Acq On : 29 Mar 2019 17:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/1/2019 10:05:58 AM

Quant Time: Apr 01 09:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52356	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	244389	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	156841	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	363455	20.00	ng		-0.01
76) Chrysene-d12	21.71	240	339887	20.00	ng		-0.02
87) Perylene-d12	25.00	264	351878	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	259600	82.43	ng		-0.01
7) Phenol-d6	7.21	99	375129	86.19	ng		-0.02
23) Nitrobenzene-d5	9.23	82	370130	80.50	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	151352	89.29	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	867184	81.93	ng		-0.01
79) Terphenyl-d14	20.03	244	1215154	80.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	59210	39.983	ng		97
3) Pyridine	3.91	79	172115	43.167	ng		97
4) n-Nitrosodimethylamine	3.83	42	72672	39.402	ng	#	91
6) Aniline	7.38	93	240250	42.486	ng		96
8) 2-Chlorophenol	7.62	128	151550	41.107	ng		96
9) Benzaldehyde	7.20	77	129498	43.374	ng		95
10) Phenol	7.24	94	199072	42.138	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	160314	42.368	ng		95
12) 1,3-Dichlorobenzene	7.94	146	164927	41.153	ng		95
13) 1,4-Dichlorobenzene	8.09	146	164025	41.093	ng		99
14) 1,2-Dichlorobenzene	8.41	146	157375	41.229	ng		100
15) Benzyl Alcohol	8.30	79	142318	40.601	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	291914	40.197	ng		99
17) 2-Methylphenol	8.49	107	133689	40.895	ng		98
18) Hexachloroethane	9.13	117	59785	39.376	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	133372	42.738	ng		98
20) 3+4-Methylphenols	8.82	107	190064	42.917	ng		96
22) Acetophenone	8.89	105	246510	40.436	ng	#	96
24) Nitrobenzene	9.28	77	189646	39.832	ng		99
25) Isophorone	9.79	82	388236	41.038	ng		100
26) 2-Nitrophenol	9.99	139	96762	42.890	ng		99
27) 2,4-Dimethylphenol	10.03	122	147038	41.031	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	230341	41.155	ng		98
29) 2,4-Dichlorophenol	10.51	162	163363	41.999	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	174629	40.887	ng		96
31) Naphthalene	10.93	128	517206	41.288	ng		100
32) Benzoic acid	10.12	122	16204m	7.484	ng		
33) 4-Chloroaniline	11.04	127	225192	42.145	ng		95
34) Hexachlorobutadiene	11.18	225	111099	40.673	ng		96
35) Caprolactam	11.83	113	65931	42.713	ng		96
36) 4-Chloro-3-methylphenol	12.15	107	187421	41.913	ng		97
37) 2-Methylnaphthalene	12.52	142	386049	41.669	ng		99
38) 1-Methylnaphthalene	12.74	142	377444	42.014	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	203827	40.888	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	108327	39.577	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	134024	41.701	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	146589	41.845	ng	97
46) 1,1'-Biphenyl	13.52	154	506213	40.848	ng	99
47) 2-Chloronaphthalene	13.57	162	389949	41.022	ng	98
48) 2-Nitroaniline	13.78	65	128663	40.127	ng	97
49) Acenaphthylene	14.42	152	662738	41.121	ng	99
50) Dimethylphthalate	14.14	163	503297	41.002	ng	98
51) 2,6-Dinitrotoluene	14.28	165	115091	41.757	ng	96
52) Acenaphthene	14.76	154	377420	40.868	ng	96
53) 3-Nitroaniline	14.60	138	118490	40.614	ng	89
54) 2,4-Dinitrophenol	14.81	184	60168	41.048	ng	96
55) Dibenzofuran	15.09	168	615992	41.510	ng	100
56) 4-Nitrophenol	14.90	139	95464	40.542	ng	96
57) 2,4-Dinitrotoluene	15.06	165	161397	42.143	ng	97
58) Fluorene	15.74	166	483505	41.441	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	135537	42.636	ng	98
60) Diethylphthalate	15.49	149	512027	40.764	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	256108	41.066	ng	95
62) 4-Nitroaniline	15.77	138	130774	41.768	ng	95
63) Azobenzene	16.01	77	480332	40.541	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	84784	41.521	ng	94
66) n-Nitrosodiphenylamine	15.94	169	440618	41.428	ng	96
67) 4-Bromophenyl-phenylether	16.62	248	169115	41.347	ng	97
68) Hexachlorobenzene	16.73	284	175271	42.620	ng	99
69) Atrazine	16.88	200	161684	40.866	ng	97
70) Pentachlorophenol	17.08	266	94036	39.551	ng	94
71) Phenanthrene	17.48	178	794679	41.598	ng	99
72) Anthracene	17.57	178	787667	41.193	ng	99
73) Carbazole	17.84	167	740885	40.941	ng	99
74) Di-n-butylphthalate	18.38	149	850961	39.671	ng	99
75) Fluoranthene	19.49	202	919407	40.643	ng	100
77) Benzidine	19.67	184	491977	40.084	ng	99
78) Pyrene	19.85	202	916830	41.019	ng	99
80) Butylbenzylphthalate	20.71	149	384174	40.167	ng	95
81) Benzo(a)anthracene	21.69	228	865899	41.361	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	332737	41.781	ng	98
83) Chrysene	21.75	228	827705	41.138	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	545220	39.878	ng	100
85) Di-n-octyl phthalate	22.78	149	920142	39.501	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	999156	40.603	ng	100
88) Benzo(b)fluoranthene	23.95	252	883120	40.993	ng	99
89) Benzo(k)fluoranthene	24.02	252	821954	41.489	ng	97
90) Benzo(a)pyrene	24.85	252	836057	41.362	ng	99
91) Dibenzo(a,h)anthracene	28.83	278	793128	42.248	ng	98
92) Benzo(g,h,i)perylene	29.96	276	816431	42.317	ng	99

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

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