Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030719\
Data File : BG039801.D
Acq On : 7 Mar 2019 14:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/8/2019 10:48:41 AM

Quant Time: Mar 08 03:01:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41809	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	196924	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	133495	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	313820	20.00	ng		-0.01
76) Chrysene-d12	21.82	240	302263	20.00	ng		-0.01
87) Perylene-d12	25.18	264	310310	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	196854	80.33	ng		-0.01
7) Phenol-d6	7.30	99	302191	82.70	ng		-0.01
23) Nitrobenzene-d5	9.33	82	294216	80.80	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	124765	80.18	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	721141	76.92	ng		-0.01
79) Terphenyl-d14	20.12	244	1069762	77.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	41959	37.085	ng		94
3) Pyridine	3.99	79	120661	39.835	ng		97
4) n-Nitrosodimethylamine	3.92	42	58625	40.798	ng		88
6) Aniline	7.48	93	186990	39.059	ng		98
8) 2-Chlorophenol	7.71	128	119259	40.112	ng		98
9) Benzaldehyde	7.30	77	95644	40.576	ng		97
10) Phenol	7.32	94	162424	41.031	ng		98
11) bis(2-Chloroethyl)ether	7.57	93	122891	39.817	ng		100
12) 1,3-Dichlorobenzene	8.04	146	130976	38.951	ng		97
13) 1,4-Dichlorobenzene	8.19	146	132464	38.675	ng		98
14) 1,2-Dichlorobenzene	8.51	146	127457	38.515	ng		99
15) Benzyl Alcohol	8.39	79	119635	41.273	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	238385	38.618	ng		98
17) 2-Methylphenol	8.59	107	104996	41.597	ng		95
18) Hexachloroethane	9.24	117	47345	38.524	ng		90
19) n-Nitroso-di-n-propylamine	8.96	70	104161	39.603	ng		95
20) 3+4-Methylphenols	8.92	107	146288	41.718	ng		98
22) Acetophenone	8.98	105	207896	39.334	ng	#	94
24) Nitrobenzene	9.38	77	153075	40.075	ng		96
25) Isophorone	9.89	82	300752	39.421	ng		96
26) 2-Nitrophenol	10.09	139	75883	41.146	ng		96
27) 2,4-Dimethylphenol	10.13	122	115826	40.381	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	180320	38.893	ng		98
29) 2,4-Dichlorophenol	10.61	162	134748	41.725	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	141333	38.893	ng		98
31) Naphthalene	11.03	128	410243	39.347	ng		100
32) Benzoic acid	10.26	122	76965	40.306	ng		87
33) 4-Chloroaniline	11.14	127	178165	40.298	ng		96
34) Hexachlorobutadiene	11.29	225	95664	38.524	ng		98
35) Caprolactam	11.92	113	47962	38.879	ng		96
36) 4-Chloro-3-methylphenol	12.24	107	153381	41.433	ng		97
37) 2-Methylnaphthalene	12.62	142	307270	39.419	ng		98
38) 1-Methylnaphthalene	12.84	142	296776	39.177	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	177670	39.286	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	83476	34.443	ng		97
43) 2,4,6-Trichlorophenol	13.22	196	112722	42.573	ng		95
44) 2,4,5-Trichlorophenol	13.29	196	122448	41.029	ng		96
46) 1,1'-Biphenyl	13.62	154	427239	38.911	ng		99
47) 2-Chloronaphthalene	13.66	162	322362	39.027	ng		99
48) 2-Nitroaniline	13.87	65	112555	42.401	ng		91
49) Acenaphthylene	14.51	152	536489	39.565	ng		99
50) Dimethylphthalate	14.23	163	431773	38.680	ng		99
51) 2,6-Dinitrotoluene	14.36	165	95583	40.391	ng		99
52) Acenaphthene	14.84	154	318797	39.062	ng		100
53) 3-Nitroaniline	14.70	138	94882	39.887	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	43220	32.314	ng		98
55) Dibenzofuran	15.18	168	521632	38.957	ng		99
56) 4-Nitrophenol	14.99	139	78850	37.054	ng		91
57) 2,4-Dinitrotoluene	15.14	165	136769	41.132	ng	#	86
58) Fluorene	15.83	166	408851	38.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117876	40.442	ng		98
60) Diethylphthalate	15.58	149	427193	38.659	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	215339	38.336	ng		95
62) 4-Nitroaniline	15.85	138	100392	38.929	ng		97
63) Azobenzene	16.10	77	390267	38.961	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	68374	36.849	ng		98
66) n-Nitrosodiphenylamine	16.03	169	364799	40.153	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	140475	39.991	ng		96
68) Hexachlorobenzene	16.82	284	146493	40.233	ng		97
69) Atrazine	16.96	200	141471	39.566	ng		96
70) Pentachlorophenol	17.16	266	88049	38.289	ng		99
71) Phenanthrene	17.57	178	672710	38.917	ng		99
72) Anthracene	17.66	178	658072	39.067	ng		100
73) Carbazole	17.93	167	584535	38.493	ng		98
74) Di-n-butylphthalate	18.46	149	704286	39.418	ng		99
75) Fluoranthene	19.57	202	775844	37.979	ng		98
77) Benzidine	19.75	184	340895m	35.541	ng		
78) Pyrene	19.93	202	773805	39.397	ng		99
80) Butylbenzylphthalate	20.79	149	320637	42.136	ng		93
81) Benzo(a)anthracene	21.79	228	743603	39.253	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	270097	39.053	ng		98
83) Chrysene	21.86	228	708982	38.604	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	447320	41.832	ng		97
85) Di-n-octyl phthalate	22.92	149	742572	41.940	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	832291	39.947	ng	#	96
88) Benzo(b)fluoranthene	24.10	252	737958	39.880	ng		99
89) Benzo(k)fluoranthene	24.18	252	667474	38.751	ng		99
90) Benzo(a)pyrene	25.02	252	687943	40.233	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	673950	40.204	ng		98
92) Benzo(g,h,i)perylene	30.29	276	671375	39.878	ng		97

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

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