Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039415.D
Acq On : 8 Feb 2019 14:41
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
2/11/2019 10:13:41 AM

Quant Time: Feb 08 23:49:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	53021	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	230103	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	149344	20.00	ng		-0.01
64) Phenanthrene-d10	17.55	188	355997	20.00	ng		0.00
76) Chrysene-d12	21.83	240	359847	20.00	ng		-0.01
87) Perylene-d12	25.22	264	379222	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	258629	83.48	ng		0.00
7) Phenol-d6	7.31	99	385098	84.45	ng		0.00
23) Nitrobenzene-d5	9.35	82	345594	93.83	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	147343	91.62	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	833545	80.07	ng		-0.01
79) Terphenyl-d14	20.14	244	1305321	76.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	57478	42.416	ng		91
3) Pyridine	4.01	79	156081	43.503	ng		96
4) n-Nitrosodimethylamine	3.93	42	66040	36.806	ng		92
6) Aniline	7.50	93	225364	39.456	ng		98
8) 2-Chlorophenol	7.74	128	141069	41.659	ng		96
9) Benzaldehyde	7.32	77	93818	41.691	ng		97
10) Phenol	7.34	94	193830	40.776	ng		93
11) bis(2-Chloroethyl)ether	7.59	93	148173	39.448	ng		99
12) 1,3-Dichlorobenzene	8.07	146	167264	40.774	ng		96
13) 1,4-Dichlorobenzene	8.21	146	169295	41.405	ng		99
14) 1,2-Dichlorobenzene	8.53	146	161308	40.752	ng		98
15) Benzyl Alcohol	8.41	79	142052	39.679	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	290062	34.196	ng		98
17) 2-Methylphenol	8.60	107	125570	40.821	ng		96
18) Hexachloroethane	9.26	117	58999	41.941	ng		99
19) n-Nitroso-di-n-propylamine	8.98	70	124745	38.543	ng		94
20) 3+4-Methylphenols	8.93	107	177272	41.849	ng		97
22) Acetophenone	9.01	105	241370	39.051	ng	#	94
24) Nitrobenzene	9.40	77	181539	45.622	ng		94
25) Isophorone	9.91	82	306035	37.494	ng		98
26) 2-Nitrophenol	10.10	139	83923	52.324	ng		98
27) 2,4-Dimethylphenol	10.14	122	133343	40.385	ng		98
28) bis(2-Chloroethoxy)methane	10.39	93	198008	39.385	ng		100
29) 2,4-Dichlorophenol	10.63	162	159182	44.111	ng		95
30) 1,2,4-Trichlorobenzene	10.86	180	173923	42.929	ng		99
31) Naphthalene	11.05	128	450206	39.439	ng		99
32) Benzoic acid	10.24	122	73673m	36.692	ng		
33) 4-Chloroaniline	11.16	127	209718	39.622	ng		98
34) Hexachlorobutadiene	11.31	225	115529	42.878	ng		97
35) Caprolactam	11.94	113	59744	40.008	ng	#	90
36) 4-Chloro-3-methylphenol	12.25	107	168219	40.307	ng		98
37) 2-Methylnaphthalene	12.64	142	328265	38.826	ng		99
38) 1-Methylnaphthalene	12.86	142	315137	38.667	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	206719	43.504	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	108273	41.816	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	130211	44.569	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	139144	45.441	ng		98
46) 1,1'-Biphenyl	13.63	154	486243	39.132	ng		100
47) 2-Chloronaphthalene	13.69	162	378495	40.491	ng		99
48) 2-Nitroaniline	13.89	65	122616	46.067	ng		94
49) Acenaphthylene	14.53	152	555017	39.349	ng		99
50) Dimethylphthalate	14.25	163	475620	39.433	ng		99
51) 2,6-Dinitrotoluene	14.37	165	105610	47.006	ng		98
52) Acenaphthene	14.87	154	366094	39.985	ng		100
53) 3-Nitroaniline	14.71	138	111827	46.219	ng	#	90
54) 2,4-Dinitrophenol	14.91	184	24493	34.495	ng		97
55) Dibenzofuran	15.20	168	588502	40.089	ng		99
56) 4-Nitrophenol	14.99	139	81722	40.553	ng		88
57) 2,4-Dinitrotoluene	15.16	165	145758	50.074	ng	#	88
58) Fluorene	15.84	166	432792	39.549	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	127959	44.631	ng		97
60) Diethylphthalate	15.60	149	472985	37.927	ng		99
61) 4-Chlorophenyl-phenylether	15.83	204	255099	41.169	ng		96
62) 4-Nitroaniline	15.87	138	113767	45.244	ng		92
63) Azobenzene	16.12	77	437237	35.871	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	53866	40.942	ng		93
66) n-Nitrosodiphenylamine	16.05	169	423212	39.097	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	164359	41.616	ng		94
68) Hexachlorobenzene	16.84	284	169114	42.679	ng		94
69) Atrazine	16.98	200	152438	38.536	ng		98
70) Pentachlorophenol	17.18	266	100641	36.544	ng		97
71) Phenanthrene	17.59	178	717354	38.933	ng		99
72) Anthracene	17.68	178	709019	39.067	ng		98
73) Carbazole	17.95	167	688916	38.036	ng		98
74) Di-n-butylphthalate	18.48	149	807657	38.222	ng		100
75) Fluoranthene	19.59	202	850156	39.753	ng		99
77) Benzidine	19.77	184	499242	42.317	ng		99
78) Pyrene	19.95	202	870726	38.869	ng		99
80) Butylbenzylphthalate	20.82	149	368317	38.976	ng		97
81) Benzo(a)anthracene	21.82	228	847591	39.862	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	324394	41.145	ng		99
83) Chrysene	21.88	228	814030	40.217	ng		100
84) Bis(2-ethylhexyl)phthalate	21.69	149	526326	39.041	ng		99
85) Di-n-octyl phthalate	22.96	149	867837	38.964	ng		96
86) Indeno(1,2,3-cd)pyrene	29.12	276	906173	41.726	ng	#	97
88) Benzo(b)fluoranthene	24.14	252	827949	40.034	ng		98
89) Benzo(k)fluoranthene	24.21	252	800467	38.552	ng		98
90) Benzo(a)pyrene	25.06	252	786839	39.505	ng		98
91) Dibenzo(a,h)anthracene	29.19	278	736250	39.472	ng		99
92) Benzo(g,h,i)perylene	30.34	276	727423	39.126	ng		99

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

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