Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039937.D
Acq On : 15 Mar 2019 12:14
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:35 PM

Quant Time: Mar 16 04:18:44 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	50918	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	240680	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	161031	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	390139	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	381075	20.00	ng		-0.02
87) Perylene-d12	25.17	264	395851	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	235522	78.91	ng		-0.02
7) Phenol-d6	7.30	99	355368	79.85	ng		-0.02
23) Nitrobenzene-d5	9.33	82	363202	81.62	ng		-0.02
42) 2,4,6-Tribromophenol	16.27	330	154419	82.27	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	869078	76.84	ng		-0.02
79) Terphenyl-d14	20.11	244	1322550	76.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	48412	35.134	ng		99
3) Pyridine	3.99	79	146026	39.585	ng		96
4) n-Nitrosodimethylamine	3.91	42	74943	42.824	ng		95
6) Aniline	7.47	93	228226	39.144	ng		98
8) 2-Chlorophenol	7.71	128	141397	39.050	ng		97
9) Benzaldehyde	7.29	77	105621	36.793	ng		93
10) Phenol	7.32	94	191409	39.703	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	151120	40.204	ng		99
12) 1,3-Dichlorobenzene	8.04	146	161716	39.489	ng		98
13) 1,4-Dichlorobenzene	8.18	146	166763	39.979	ng		98
14) 1,2-Dichlorobenzene	8.50	146	157673	39.122	ng		98
15) Benzyl Alcohol	8.39	79	148105	41.954	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	311356	41.416	ng		99
17) 2-Methylphenol	8.58	107	125577	40.850	ng		97
18) Hexachloroethane	9.23	117	62233	41.580	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	127543	39.818	ng		97
20) 3+4-Methylphenols	8.91	107	172411	40.372	ng		94
22) Acetophenone	8.98	105	249686	38.652	ng	#	95
24) Nitrobenzene	9.37	77	187537	40.171	ng		96
25) Isophorone	9.88	82	368477	39.517	ng		99
26) 2-Nitrophenol	10.08	139	90033	39.943	ng		95
27) 2,4-Dimethylphenol	10.12	122	138438	39.490	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	217799	38.437	ng		97
29) 2,4-Dichlorophenol	10.61	162	158299	40.107	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	176684	39.781	ng		100
31) Naphthalene	11.02	128	488851	38.362	ng		99
32) Benzoic acid	10.27	122	86464	37.582	ng		94
33) 4-Chloroaniline	11.13	127	216581	40.081	ng		98
34) Hexachlorobutadiene	11.28	225	123286	40.622	ng		96
35) Caprolactam	11.93	113	60792	40.320	ng		95
36) 4-Chloro-3-methylphenol	12.24	107	183616	40.583	ng		97
37) 2-Methylnaphthalene	12.61	142	368051	38.632	ng		99
38) 1-Methylnaphthalene	12.83	142	361933m	39.092	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	216357	39.660	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	115784	39.604	ng		96
43) 2,4,6-Trichlorophenol	13.21	196	134134	41.998	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	148640	41.288	ng		99
46) 1,1'-Biphenyl	13.61	154	519343	39.212	ng		99
47) 2-Chloronaphthalene	13.66	162	391356	39.278	ng		98
48) 2-Nitroaniline	13.87	65	139565	43.586	ng		96
49) Acenaphthylene	14.50	152	634489	38.791	ng		98
50) Dimethylphthalate	14.22	163	521509	38.730	ng		99
51) 2,6-Dinitrotoluene	14.36	165	119352	41.811	ng		96
52) Acenaphthene	14.84	154	385410	39.149	ng		99
53) 3-Nitroaniline	14.69	138	118364	41.250	ng	#	90
54) 2,4-Dinitrophenol	14.89	184	92328	53.174	ng		98
55) Dibenzofuran	15.17	168	631167	39.077	ng		96
56) 4-Nitrophenol	14.98	139	98790	38.486	ng		92
57) 2,4-Dinitrotoluene	15.14	165	169657	42.298	ng		88
58) Fluorene	15.82	166	492885	38.817	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	144008	40.959	ng		100
60) Diethylphthalate	15.57	149	530632	39.808	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	266641	39.352	ng		99
62) 4-Nitroaniline	15.86	138	129644	41.675	ng		97
63) Azobenzene	16.10	77	488651	40.441	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	90475	39.222	ng		99
66) n-Nitrosodiphenylamine	16.03	169	448499	39.709	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	176743	40.473	ng		95
68) Hexachlorobenzene	16.81	284	183597	40.559	ng		96
69) Atrazine	16.97	200	173722	39.081	ng		97
70) Pentachlorophenol	17.16	266	110759	38.743	ng		97
71) Phenanthrene	17.56	178	816654	38.003	ng		99
72) Anthracene	17.66	178	815011	38.919	ng		99
73) Carbazole	17.93	167	721663	38.226	ng		99
74) Di-n-butylphthalate	18.45	149	871784	39.248	ng		99
75) Fluoranthene	19.57	202	961014	37.840	ng		99
77) Benzidine	19.74	184	568948	47.049	ng		99
78) Pyrene	19.93	202	956300	38.619	ng		99
80) Butylbenzylphthalate	20.79	149	399210	41.612	ng		96
81) Benzo(a)anthracene	21.79	228	931627	39.008	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	352554	40.432	ng		97
83) Chrysene	21.86	228	898374	38.800	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	561358	41.640	ng		99
85) Di-n-octyl phthalate	22.90	149	942388	42.218	ng		97
86) Indeno(1,2,3-cd)pyrene	29.05	276	1066830	40.615	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	932626	39.509	ng		98
89) Benzo(k)fluoranthene	24.17	252	838848	38.176	ng		99
90) Benzo(a)pyrene	25.01	252	883897	40.522	ng		97
91) Dibenzo(a,h)anthracene	29.11	278	844235	39.479	ng		97
92) Benzo(g,h,i)perylene	30.28	276	866916	40.365	ng		98

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

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