Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040219\
Data File : BG040318.D
Acq On : 3 Apr 2019 7:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
4/3/2019 5:23:11 PM

Quant Time: Apr 03 08:39:33 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	58017	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	271959	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	184200	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	443520	20.00	ng		-0.01
76) Chrysene-d12	21.72	240	430881	20.00	ng		-0.01
87) Perylene-d12	25.06	264	429172	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	288828	82.76	ng		-0.01
7) Phenol-d6	7.21	99	420031	87.09	ng		-0.01
23) Nitrobenzene-d5	9.23	82	409529	80.04	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	176997	88.91	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	985664	79.29	ng		-0.01
79) Terphenyl-d14	20.03	244	1471947	76.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	64628	39.383	ng		97
3) Pyridine	3.91	79	188861	42.745	ng		97
4) n-Nitrosodimethylamine	3.83	42	79589	38.942	ng	#	81
6) Aniline	7.38	93	262000	41.811	ng		98
8) 2-Chlorophenol	7.61	128	168010	41.126	ng		95
9) Benzaldehyde	7.20	77	134665	40.704	ng		95
10) Phenol	7.23	94	229315	43.803	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	170333	40.623	ng		100
12) 1,3-Dichlorobenzene	7.94	146	174655	39.328	ng		94
13) 1,4-Dichlorobenzene	8.09	146	179513	40.585	ng		98
14) 1,2-Dichlorobenzene	8.41	146	171414	40.525	ng		98
15) Benzyl Alcohol	8.29	79	165638	42.643	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	326585	40.584	ng		99
17) 2-Methylphenol	8.49	107	153490	42.370	ng		96
18) Hexachloroethane	9.13	117	65785	39.100	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	148909	43.061	ng		99
20) 3+4-Methylphenols	8.82	107	218299	44.483	ng		98
22) Acetophenone	8.88	105	275074	40.548	ng	#	97
24) Nitrobenzene	9.27	77	212641	40.134	ng		97
25) Isophorone	9.78	82	441815	41.968	ng		98
26) 2-Nitrophenol	9.98	139	108311	43.143	ng		98
27) 2,4-Dimethylphenol	10.02	122	167799	42.078	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	259958	41.738	ng		98
29) 2,4-Dichlorophenol	10.51	162	189930	43.879	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	189958	39.967	ng		99
31) Naphthalene	10.92	128	578290	41.485	ng		99
32) Benzoic acid	10.21	122	14802m	6.143	ng		
33) 4-Chloroaniline	11.03	127	252129	42.402	ng		98
34) Hexachlorobutadiene	11.18	225	116305	38.262	ng		93
35) Caprolactam	11.82	113	78990	45.985	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	224104	45.036	ng		98
37) 2-Methylnaphthalene	12.52	142	438118	42.496	ng		99
38) 1-Methylnaphthalene	12.74	142	425338	42.545	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	232618	39.733	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	115761	36.011	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	157359	41.689	ng		95
44) 2,4,5-Trichlorophenol	13.20	196	176123	42.808	ng		97
46) 1,1'-Biphenyl	13.52	154	583157	40.068	ng		97
47) 2-Chloronaphthalene	13.57	162	447899	40.120	ng		99
48) 2-Nitroaniline	13.78	65	158997	42.222	ng		97
49) Acenaphthylene	14.41	152	781356	41.280	ng		99
50) Dimethylphthalate	14.14	163	600142	41.630	ng		99
51) 2,6-Dinitrotoluene	14.27	165	138486	42.783	ng		100
52) Acenaphthene	14.75	154	442415	40.790	ng		98
53) 3-Nitroaniline	14.60	138	143283	41.817	ng		96
54) 2,4-Dinitrophenol	14.81	184	14565	8.461	ng	#	82
55) Dibenzofuran	15.08	168	734043	42.118	ng		100
56) 4-Nitrophenol	14.90	139	95975	34.706	ng		98
57) 2,4-Dinitrotoluene	15.05	165	193808	43.090	ng		99
58) Fluorene	15.73	166	573785	41.875	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	161993	43.390	ng		98
60) Diethylphthalate	15.49	149	609804	41.337	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	307648	42.003	ng		99
62) 4-Nitroaniline	15.77	138	154939	42.136	ng		98
63) Azobenzene	16.01	77	583437	41.929	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	41701	16.735	ng		95
66) n-Nitrosodiphenylamine	15.93	169	529494	40.797	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	208288	41.732	ng		98
68) Hexachlorobenzene	16.73	284	211524	42.150	ng		97
69) Atrazine	16.87	200	194801	40.349	ng		100
70) Pentachlorophenol	17.07	266	114622	39.507	ng		98
71) Phenanthrene	17.47	178	958813	41.129	ng		99
72) Anthracene	17.56	178	947632	40.612	ng		99
73) Carbazole	17.84	167	893923	40.481	ng		100
74) Di-n-butylphthalate	18.37	149	1039124	39.698	ng		99
75) Fluoranthene	19.48	202	1130659	40.959	ng		99
77) Benzidine	19.67	184	724025	46.532	ng		98
78) Pyrene	19.84	202	1121937	39.595	ng		99
80) Butylbenzylphthalate	20.71	149	474223	39.111	ng		97
81) Benzo(a)anthracene	21.69	228	1063837	40.084	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	392568	38.884	ng		100
83) Chrysene	21.76	228	1049796	41.158	ng		100
84) Bis(2-ethylhexyl)phthalate	21.56	149	676102	39.008	ng		100
85) Di-n-octyl phthalate	22.80	149	1136682	38.492	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	1262525m	40.471	ng		
88) Benzo(b)fluoranthene	23.97	252	1126943	42.889	ng		99
89) Benzo(k)fluoranthene	24.05	252	1004320	41.564	ng		98
90) Benzo(a)pyrene	24.90	252	1044250	42.357	ng		99
91) Dibenzo(a,h)anthracene	29.01	278	1013158	44.249	ng		98
92) Benzo(g,h,i)perylene	30.22	276	1027237	43.654	ng		99

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

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