Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041210.D
Acq On : 12 Jun 2019 17:34
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:44 AM

Quant Time: Jun 13 14:26:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	39649	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	167805	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	127487	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	307240	20.00	ng		0.00
76) Chrysene-d12	21.76	240	311442	20.00	ng		0.00
87) Perylene-d12	25.08	264	323409	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	177266	80.62	ng		0.00
7) Phenol-d6	7.25	99	273550	80.56	ng		0.00
23) Nitrobenzene-d5	9.28	82	315771	83.54	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	147874	78.13	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	735279	83.06	ng		0.00
79) Terphenyl-d14	20.07	244	1268440	86.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	37083	37.166	ng		95
3) Pyridine	3.92	79	111319	37.705	ng		98
4) n-Nitrosodimethylamine	3.83	42	55643	40.609	ng		89
6) Aniline	7.43	93	178520	39.385	ng		98
8) 2-Chlorophenol	7.67	128	103928	39.646	ng		96
9) Benzaldehyde	7.24	77	83899	41.417	ng		90
10) Phenol	7.28	94	146238	40.164	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	103096	39.031	ng		99
12) 1,3-Dichlorobenzene	7.99	146	129532	41.372	ng		92
13) 1,4-Dichlorobenzene	8.14	146	130115	41.057	ng		96
14) 1,2-Dichlorobenzene	8.46	146	126153	40.998	ng		96
15) Benzyl Alcohol	8.34	79	123241	39.233	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	160446	37.173	ng		99
17) 2-Methylphenol	8.54	107	103109	39.112	ng		99
18) Hexachloroethane	9.19	117	50491	41.337	ng		99
19) n-Nitroso-di-n-propylamine	8.91	70	97736	37.400	ng	#	98
20) 3+4-Methylphenols	8.87	107	142086	38.909	ng		99
22) Acetophenone	8.93	105	187766	39.889	ng		97
24) Nitrobenzene	9.33	77	159053	41.290	ng		97
25) Isophorone	9.84	82	277528	38.580	ng		99
26) 2-Nitrophenol	10.03	139	68971	43.432	ng		92
27) 2,4-Dimethylphenol	10.08	122	101808	38.818	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	149285	38.451	ng		97
29) 2,4-Dichlorophenol	10.57	162	134594	40.412	ng		95
30) 1,2,4-Trichlorobenzene	10.78	180	158134	41.738	ng		97
31) Naphthalene	10.98	128	373061	41.407	ng		100
32) Benzoic acid	10.22	122	70870m	36.995	ng		
33) 4-Chloroaniline	11.09	127	169277	40.494	ng		95
34) Hexachlorobutadiene	11.24	225	121466	41.899	ng		99
35) Caprolactam	11.88	113	41431	37.671	ng		98
36) 4-Chloro-3-methylphenol	12.20	107	149279	39.246	ng		95
37) 2-Methylnaphthalene	12.57	142	281945	40.632	ng		99
38) 1-Methylnaphthalene	12.79	142	263035	40.226	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	211706	41.201	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	12.90	237	95800	39.348	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	133551	40.177	ng	98
44) 2,4,5-Trichlorophenol	13.25	196	135942	38.777	ng	98
46) 1,1'-Biphenyl	13.57	154	380891	40.362	ng	97
47) 2-Chloronaphthalene	13.62	162	331506	40.920	ng	99
48) 2-Nitroaniline	13.83	65	118898	40.910	ng	95
49) Acenaphthylene	14.46	152	488811	40.089	ng	99
50) Dimethylphthalate	14.19	163	419588	38.880	ng	99
51) 2,6-Dinitrotoluene	14.32	165	90282	38.801	ng	98
52) Acenaphthene	14.80	154	291911	39.520	ng	99
53) 3-Nitroaniline	14.65	138	91051	39.133	ng	98
54) 2,4-Dinitrophenol	14.86	184	31943	36.942	ng	91
55) Dibenzofuran	15.13	168	504378	40.581	ng	99
56) 4-Nitrophenol	14.95	139	58658	36.755	ng	88
57) 2,4-Dinitrotoluene	15.10	165	130643	39.748	ng	97
58) Fluorene	15.78	166	392219	39.625	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	138547	40.214	ng	97
60) Diethylphthalate	15.53	149	428722	38.927	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	254966	39.630	ng	94
62) 4-Nitroaniline	15.81	138	94835	38.500	ng	98
63) Azobenzene	16.06	77	389622	38.924	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	63845	40.429	ng	95
66) n-Nitrosodiphenylamine	15.99	169	350706	40.606	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	166318	40.112	ng	97
68) Hexachlorobenzene	16.77	284	175715	39.798	ng	99
69) Atrazine	16.93	200	134071	40.230	ng	98
70) Pentachlorophenol	17.13	266	87177	39.153	ng	95
71) Phenanthrene	17.52	178	657186	41.065	ng	99
72) Anthracene	17.61	178	650426	41.208	ng	100
73) Carbazole	17.89	167	563901	41.637	ng	98
74) Di-n-butylphthalate	18.42	149	693133	41.178	ng	99
75) Fluoranthene	19.53	202	849589	42.980	ng	99
77) Benzidine	19.71	184	250625	33.734	ng	97
78) Pyrene	19.89	202	851349	42.051	ng	99
80) Butylbenzylphthalate	20.75	149	328170	41.652	ng	98
81) Benzo(a)anthracene	21.74	228	842600	40.643	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	283902	38.935	ng	98
83) Chrysene	21.81	228	816862	41.174	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	447382	40.337	ng	97
85) Di-n-octyl phthalate	22.84	149	750378	40.623	ng	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	805004m	33.124	ng	
88) Benzo(b)fluoranthene	24.02	252	799629	40.764	ng	99
89) Benzo(k)fluoranthene	24.09	252	828313	42.672	ng	99
90) Benzo(a)pyrene	24.93	252	752899	40.230	ng	94
91) Dibenzo(a,h)anthracene	28.97	278	600004m	32.085	ng	
92) Benzo(g,h,i)perylene	30.11	276	596079m	32.810	ng	

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

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