Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043264.D
Acq On : 17 Oct 2019 16:14
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 17 17:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43219	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	176521	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	130788	20.00	ng		-0.01
64) Phenanthrene-d10	17.41	188	290185	20.00	ng		0.00
76) Chrysene-d12	21.69	240	318954	20.00	ng		0.00
87) Perylene-d12	24.91	264	386208	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	203095	83.86	ng		-0.02
7) Phenol-d6	7.21	99	289960	83.14	ng		-0.02
23) Nitrobenzene-d5	9.20	82	295109	81.26	ng		-0.02
42) 2,4,6-Tribromophenol	16.16	330	197456	87.80	ng		-0.01
45) 2-Fluorobiphenyl	13.29	172	773293	85.71	ng		-0.02
79) Terphenyl-d14	20.02	244	1349933	90.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	39215	38.838	ng		88
3) Pyridine	3.91	79	108918	38.353	ng		86
4) n-Nitrosodimethylamine	3.82	42	53090	38.875	ng	#	96
6) Aniline	7.37	93	172776	41.041	ng		98
8) 2-Chlorophenol	7.61	128	111472	44.137	ng		95
9) Benzaldehyde	7.18	77	73658	34.564	ng		82
10) Phenol	7.24	94	136343	42.612	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	106051	42.838	ng		95
12) 1,3-Dichlorobenzene	7.93	146	140835	43.713	ng		99
13) 1,4-Dichlorobenzene	8.07	146	138178	43.023	ng		97
14) 1,2-Dichlorobenzene	8.40	146	136416	44.613	ng		96
15) Benzyl Alcohol	8.28	79	104788	39.965	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	153130	32.208	ng		94
17) 2-Methylphenol	8.49	107	95895	42.833	ng		96
18) Hexachloroethane	9.12	117	50982	42.148	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	95555	41.728	ng		90
20) 3+4-Methylphenols	8.82	107	132315	43.126	ng		94
22) Acetophenone	8.86	105	190476	41.861	ng	#	95
24) Nitrobenzene	9.24	77	140209	40.475	ng		97
25) Isophorone	9.76	82	260822	40.886	ng		97
26) 2-Nitrophenol	9.95	139	68581	46.506	ng		92
27) 2,4-Dimethylphenol	10.02	122	95119	42.001	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	148405	41.003	ng		97
29) 2,4-Dichlorophenol	10.49	162	123031	43.681	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	155434	42.734	ng		98
31) Naphthalene	10.90	128	377457	43.438	ng		99
32) Benzoic acid	10.17	122	55137	33.628	ng		96
33) 4-Chloroaniline	11.00	127	156283	41.448	ng		97
34) Hexachlorobutadiene	11.18	225	115735	42.496	ng		95
35) Caprolactam	11.78	113	42032	42.317	ng	#	70
36) 4-Chloro-3-methylphenol	12.13	107	133754	43.676	ng		94
37) 2-Methylnaphthalene	12.50	142	284559	42.927	ng		96
38) 1-Methylnaphthalene	12.71	142	270980	43.201	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	201952	41.068	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	113433	36.203	ng		95
43) 2,4,6-Trichlorophenol	13.10	196	119174	41.405	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	120213	40.543	ng		98
46) 1,1'-Biphenyl	13.50	154	412825	41.623	ng		98
47) 2-Chloronaphthalene	13.55	162	308791	41.526	ng		98
48) 2-Nitroaniline	13.75	65	95264	38.524	ng		91
49) Acenaphthylene	14.39	152	482556	42.409	ng		99
50) Dimethylphthalate	14.12	163	400952	40.916	ng		99
51) 2,6-Dinitrotoluene	14.24	165	88633	42.472	ng		91
52) Acenaphthene	14.73	154	292307	38.380	ng		99
53) 3-Nitroaniline	14.57	138	85145	39.480	ng		97
54) 2,4-Dinitrophenol	14.78	184	48153	37.122	ng		93
55) Dibenzofuran	15.06	168	464978	41.271	ng		100
56) 4-Nitrophenol	14.89	139	60450	36.787	ng		89
57) 2,4-Dinitrotoluene	15.03	165	126992	41.555	ng		93
58) Fluorene	15.72	166	387433	40.279	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	123318	39.062	ng		98
60) Diethylphthalate	15.48	149	399153	40.024	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	231039	40.050	ng		99
62) 4-Nitroaniline	15.74	138	90905	38.648	ng		98
63) Azobenzene	16.00	77	338324	37.262	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	72353	44.062	ng		92
66) n-Nitrosodiphenylamine	15.92	169	343091	44.787	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	160244	43.998	ng		97
68) Hexachlorobenzene	16.72	284	182399	44.979	ng		95
69) Atrazine	16.86	200	101809	31.561	ng		97
70) Pentachlorophenol	17.07	266	84089	35.936	ng		98
71) Phenanthrene	17.46	178	606397	42.804	ng		98
72) Anthracene	17.55	178	615811	43.542	ng		100
73) Carbazole	17.82	167	548576	41.828	ng		97
74) Di-n-butylphthalate	18.37	149	654355	41.817	ng		99
75) Fluoranthene	19.46	202	771185	41.156	ng		98
77) Benzidine	19.65	184	284652	35.643	ng		98
78) Pyrene	19.82	202	774254	40.671	ng		99
80) Butylbenzylphthalate	20.71	149	305029	42.212	ng		94
81) Benzo(a)anthracene	21.67	228	806724	40.592	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	327864	42.062	ng		98
83) Chrysene	21.73	228	792220	41.077	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	436338	42.436	ng		97
85) Di-n-octyl phthalate	22.78	149	739069	43.957	ng		96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1031790	42.974	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	870654	39.842	ng		98
89) Benzo(k)fluoranthene	23.95	252	854212	39.513	ng		97
90) Benzo(a)pyrene	24.75	252	823714	39.953	ng		100
91) Dibenzo(a,h)anthracene	28.62	278	865880	40.957	ng		97
92) Benzo(g,h,i)perylene	29.72	276	835001	40.763	ng		98

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

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