Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041270.D
Acq On : 17 Jun 2019 11:48
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jun 17 12:39:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31366	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	123747	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90352	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	248621	20.00	ng	0.00
76) Chrysene-d12	21.74	240	262862	20.00	ng	0.00
87) Perylene-d12	25.05	264	278229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	170507	100.17	ng	0.00
7) Phenol-d6	7.23	99	249428	95.85	ng	0.00
23) Nitrobenzene-d5	9.26	82	304349	106.74	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	143545	114.85	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	670951	98.29	ng	0.00
79) Terphenyl-d14	20.06	244	1331074	99.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	39835	56.134	ng	97
3) Pyridine	3.89	79	117090	56.479	ng	97
4) n-Nitrosodimethylamine	3.81	42	61693	57.203	ng	87
6) Aniline	7.41	93	171754	50.596	ng	98
8) 2-Chlorophenol	7.64	128	98662	46.845	ng	99
9) Benzaldehyde	7.22	77	74249	44.865	ng	93
10) Phenol	7.26	94	131258	46.975	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	98945	48.346	ng	96
12) 1,3-Dichlorobenzene	7.97	146	124460	49.174	ng	93
13) 1,4-Dichlorobenzene	8.12	146	127339	49.469	ng	98
14) 1,2-Dichlorobenzene	8.44	146	121046	49.089	ng	95
15) Benzyl Alcohol	8.32	79	116357	48.579	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	164436	50.202	ng	97
17) 2-Methylphenol	8.52	107	93385	46.262	ng	98
18) Hexachloroethane	9.16	117	50231	49.800	ng	99
19) n-Nitroso-di-n-propylamine	8.89	70	99107	49.757	ng	96
20) 3+4-Methylphenols	8.85	107	127539	45.901	ng	93
22) Acetophenone	8.92	105	183706	53.641	ng	97
24) Nitrobenzene	9.30	77	149767	52.387	ng	98
25) Isophorone	9.82	82	274724	54.661	ng	98
26) 2-Nitrophenol	10.02	139	62534	51.692	ng	92
27) 2,4-Dimethylphenol	10.06	122	94183	51.215	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	145772	53.577	ng	96
29) 2,4-Dichlorophenol	10.55	162	114775	48.759	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	144659	50.898	ng	97
31) Naphthalene	10.96	128	341939	52.118	ng	99
32) Benzoic acid	10.21	122	63874	97.717	ng	95
33) 4-Chloroaniline	11.07	127	152446	53.206	ng	96
34) Hexachlorobutadiene	11.21	225	113091	51.646	ng	95
35) Caprolactam	11.87	113	39589	58.936	ng	88
36) 4-Chloro-3-methylphenol	12.18	107	132101	53.019	ng	99
37) 2-Methylnaphthalene	12.55	142	254127	51.644	ng	99
38) 1-Methylnaphthalene	12.77	142	242693	52.299	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	188495	47.948	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	126132	73.705	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	119151	50.370	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	120964	51.144	ng		97
46) 1,1'-Biphenyl	13.55	154	349739	50.056	ng		100
47) 2-Chloronaphthalene	13.60	162	297646	48.799	ng		97
48) 2-Nitroaniline	13.81	65	113546	53.855	ng		97
49) Acenaphthylene	14.45	152	454791	51.965	ng		99
50) Dimethylphthalate	14.17	163	409007	53.707	ng		99
51) 2,6-Dinitrotoluene	14.30	165	89336	54.677	ng		92
52) Acenaphthene	14.78	154	265618	50.700	ng		96
53) 3-Nitroaniline	14.63	138	87580	55.474	ng		96
54) 2,4-Dinitrophenol	14.84	184	58788	181.450	ng		90
55) Dibenzofuran	15.12	168	465355	52.490	ng		98
56) 4-Nitrophenol	14.93	139	64351	76.326	ng		96
57) 2,4-Dinitrotoluene	15.09	165	129814	57.270	ng		97
58) Fluorene	15.76	166	366794	53.286	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	124188	57.241	ng	#	97
60) Diethylphthalate	15.52	149	419587	55.788	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	236075	52.373	ng		98
62) 4-Nitroaniline	15.80	138	95238	62.026	ng		98
63) Azobenzene	16.04	77	375224	55.356	ng		100
65) 4,6-Dinitro-2-methylphenol	15.84	198	83411	91.997	ng		97
66) n-Nitrosodiphenylamine	15.97	169	335371	48.498	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	159969	48.574	ng		98
68) Hexachlorobenzene	16.75	284	171603	47.924	ng		96
69) Atrazine	16.91	200	110597	50.273	ng		95
70) Pentachlorophenol	17.11	266	91472	73.759	ng		97
71) Phenanthrene	17.51	178	663476	50.661	ng		99
72) Anthracene	17.60	178	664392	51.183	ng		99
73) Carbazole	17.87	167	579317	52.264	ng		99
74) Di-n-butylphthalate	18.40	149	726711	52.770	ng		98
75) Fluoranthene	19.51	202	889259	53.398	ng		98
77) Benzidine	19.69	184	331356	81.193	ng		99
78) Pyrene	19.87	202	886841	49.146	ng		99
80) Butylbenzylphthalate	20.74	149	339656	49.164	ng		97
81) Benzo(a)anthracene	21.72	228	898074	51.666	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	313042	58.559	ng		100
83) Chrysene	21.79	228	853300	49.665	ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	460559	47.876	ng		99
85) Di-n-octyl phthalate	22.82	149	783304	49.047	ng		100
86) Indeno(1,2,3-cd)pyrene	28.85	276	1019969	98.876	ng	#	97
88) Benzo(b)fluoranthene	23.99	252	878211	51.665	ng		97
89) Benzo(k)fluoranthene	24.06	252	853891	42.077	ng		98
90) Benzo(a)pyrene	24.89	252	827581	49.975	ng		99
91) Dibenzo(a,h)anthracene	28.92	278	821074	86.414	ng		99
92) Benzo(g,h,i)perylene	30.05	276	816183	99.850	ng		97

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

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