Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041126.D
Acq On : 8 Jun 2019 9:11
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 08 18:24:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	45524	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	201806	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	146086	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	356139	20.00	ng		0.00
76) Chrysene-d12	21.76	240	352305	20.00	ng		0.00
87) Perylene-d12	25.09	264	381983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	194084	76.88	ng		0.00
7) Phenol-d6	7.25	99	301531	77.34	ng		0.00
23) Nitrobenzene-d5	9.29	82	359711	79.13	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	170082	78.42	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	835957	82.41	ng		0.00
79) Terphenyl-d14	20.07	244	1377489	82.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	41361	36.104	ng		99
3) Pyridine	3.92	79	132224	39.006	ng		94
4) n-Nitrosodimethylamine	3.83	42	64032	40.700	ng		98
6) Aniline	7.43	93	208139	39.993	ng		98
8) 2-Chlorophenol	7.66	128	119545	39.719	ng		99
9) Benzaldehyde	7.25	77	94613	40.679	ng		94
10) Phenol	7.28	94	160609	38.419	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	120193	39.632	ng		96
12) 1,3-Dichlorobenzene	7.99	146	139925	38.924	ng		96
13) 1,4-Dichlorobenzene	8.14	146	142629	39.197	ng		96
14) 1,2-Dichlorobenzene	8.46	146	137782	38.998	ng		97
15) Benzyl Alcohol	8.35	79	148068	41.053	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	191956	38.734	ng		96
17) 2-Methylphenol	8.54	107	114159	37.715	ng		97
18) Hexachloroethane	9.19	117	55920	39.874	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	125344	41.775	ng		95
20) 3+4-Methylphenols	8.87	107	159457	38.031	ng		94
22) Acetophenone	8.94	105	226892	40.080	ng	#	99
24) Nitrobenzene	9.33	77	181925	39.271	ng		98
25) Isophorone	9.84	82	341455	39.470	ng		98
26) 2-Nitrophenol	10.04	139	76239	39.920	ng		94
27) 2,4-Dimethylphenol	10.08	122	119837	37.994	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	181805	38.937	ng		98
29) 2,4-Dichlorophenol	10.57	162	147770	36.893	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	176519	38.740	ng		96
31) Naphthalene	10.98	128	418577	38.631	ng		100
32) Benzoic acid	10.22	122	88181	37.995	ng		93
33) 4-Chloroaniline	11.09	127	197859	39.356	ng		97
34) Hexachlorobutadiene	11.24	225	135448	38.850	ng		97
35) Caprolactam	11.88	113	50373	38.084	ng	#	86
36) 4-Chloro-3-methylphenol	12.19	107	171814	37.560	ng		99
37) 2-Methylnaphthalene	12.58	142	321216	38.492	ng		99
38) 1-Methylnaphthalene	12.79	142	304879	38.770	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	237214	40.287	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	129061	44.814	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	153751	40.365	ng		94
44) 2,4,5-Trichlorophenol	13.25	196	159327	39.661	ng		94
46) 1,1'-Biphenyl	13.57	154	436109	40.330	ng		99
47) 2-Chloronaphthalene	13.62	162	375722	40.473	ng		98
48) 2-Nitroaniline	13.83	65	137603	41.318	ng		97
49) Acenaphthylene	14.46	152	558047	39.941	ng		99
50) Dimethylphthalate	14.19	163	488122	39.472	ng		99
51) 2,6-Dinitrotoluene	14.32	165	104653	39.251	ng		97
52) Acenaphthene	14.80	154	330796	39.082	ng		98
53) 3-Nitroaniline	14.65	138	106731	40.032	ng		99
54) 2,4-Dinitrophenol	14.85	184	57083	50.222	ng		98
55) Dibenzofuran	15.13	168	569006	39.952	ng		98
56) 4-Nitrophenol	14.94	139	76076	41.600	ng		96
57) 2,4-Dinitrotoluene	15.10	165	152245	40.423	ng	#	94
58) Fluorene	15.78	166	442097	38.978	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	153915	38.987	ng		99
60) Diethylphthalate	15.54	149	489033	38.750	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	288797	39.174	ng		96
62) 4-Nitroaniline	15.81	138	113838	40.331	ng		97
63) Azobenzene	16.06	77	445164	38.810	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	86088	45.627	ng		99
66) n-Nitrosodiphenylamine	15.98	169	401600	40.114	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	187844	39.083	ng		94
68) Hexachlorobenzene	16.78	284	195399	38.180	ng		99
69) Atrazine	16.92	200	150627	38.992	ng		96
70) Pentachlorophenol	17.12	266	105687	40.754	ng		97
71) Phenanthrene	17.52	178	747152	40.276	ng		98
72) Anthracene	17.62	178	735112	40.179	ng		100
73) Carbazole	17.89	167	638563	40.676	ng		99
74) Di-n-butylphthalate	18.42	149	773540	39.645	ng		99
75) Fluoranthene	19.53	202	936355	40.865	ng		99
77) Benzidine	19.71	184	377345	44.899	ng		98
78) Pyrene	19.89	202	938462	40.977	ng		98
80) Butylbenzylphthalate	20.76	149	361634	40.576	ng		99
81) Benzo(a)anthracene	21.74	228	955159	40.729	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	349597	42.383	ng		99
83) Chrysene	21.81	228	914880	40.766	ng		100
84) Bis(2-ethylhexyl)phthalate	21.61	149	508458	40.526	ng		97
85) Di-n-octyl phthalate	22.85	149	853204	40.832	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1087078	39.543	ng		99
88) Benzo(b)fluoranthene	24.02	252	923255	39.849	ng		98
89) Benzo(k)fluoranthene	24.09	252	918076	40.044	ng		99
90) Benzo(a)pyrene	24.93	252	891722	40.341	ng		100
91) Dibenzo(a,h)anthracene	28.97	278	884689	40.055	ng		98
92) Benzo(g,h,i)perylene	30.11	276	871670	40.622	ng		98

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

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