Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050719\
Data File : BG040780.D
Acq On : 7 May 2019 23:36
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
5/9/2019 6:29:11 PM

Quant Time: May 08 09:10:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	53317	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	227287	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	167213	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	419077	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	416901	20.00	ng		-0.02
87) Perylene-d12	25.15	264	440290	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	262292	86.72	ng		-0.01
7) Phenol-d6	7.28	99	405759	87.13	ng		-0.01
23) Nitrobenzene-d5	9.32	82	464617	94.45	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	217187	94.50	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	994775	85.92	ng		-0.02
79) Terphenyl-d14	20.11	244	1757148	93.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	58543	42.560	ng		91
3) Pyridine	3.95	79	170324	42.719	ng		97
4) n-Nitrosodimethylamine	3.87	42	95119	43.011	ng		96
6) Aniline	7.47	93	253550	41.076	ng		99
8) 2-Chlorophenol	7.70	128	156246	42.306	ng		98
9) Benzaldehyde	7.28	77	122192	45.378	ng		94
10) Phenol	7.31	94	211285	42.205	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	156018	41.561	ng		98
12) 1,3-Dichlorobenzene	8.03	146	171106	42.447	ng		99
13) 1,4-Dichlorobenzene	8.18	146	177703	43.486	ng		99
14) 1,2-Dichlorobenzene	8.50	146	169134	42.918	ng		96
15) Benzyl Alcohol	8.38	79	196102	40.469	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	267919	35.847	ng		96
17) 2-Methylphenol	8.57	107	146096	41.238	ng		96
18) Hexachloroethane	9.23	117	69097	41.220	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	160925	38.387	ng		94
20) 3+4-Methylphenols	8.90	107	208396	42.225	ng		98
22) Acetophenone	8.98	105	276419	43.735	ng	#	96
24) Nitrobenzene	9.36	77	239435	45.622	ng		98
25) Isophorone	9.88	82	443799	40.504	ng		100
26) 2-Nitrophenol	10.07	139	102140	54.293	ng		100
27) 2,4-Dimethylphenol	10.12	122	151959	43.050	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	226791	41.255	ng		100
29) 2,4-Dichlorophenol	10.60	162	189923	47.328	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	204755	46.012	ng		97
31) Naphthalene	11.02	128	522483	43.270	ng		100
32) Benzoic acid	10.22	122	82003m	33.936	ng		
33) 4-Chloroaniline	11.13	127	232595	43.445	ng		96
34) Hexachlorobutadiene	11.28	225	156970	47.779	ng		95
35) Caprolactam	11.92	113	66211	41.791	ng		93
36) 4-Chloro-3-methylphenol	12.22	107	226499	44.742	ng		97
37) 2-Methylnaphthalene	12.61	142	400248	44.333	ng		97
38) 1-Methylnaphthalene	12.83	142	388687	44.046	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	286864	46.052	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	151101	41.108	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	173735	46.153	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	189947	46.321	ng		98
46) 1,1'-Biphenyl	13.61	154	544424	41.935	ng		95
47) 2-Chloronaphthalene	13.66	162	435613	42.875	ng		100
48) 2-Nitroaniline	13.86	65	173979	48.106	ng		99
49) Acenaphthylene	14.50	152	718839	41.702	ng		99
50) Dimethylphthalate	14.22	163	598060	42.748	ng		100
51) 2,6-Dinitrotoluene	14.35	165	131950	48.325	ng		93
52) Acenaphthene	14.84	154	429702	42.805	ng		97
53) 3-Nitroaniline	14.68	138	130244	46.554	ng		97
54) 2,4-Dinitrophenol	14.88	184	27414	23.255	ng	#	80
55) Dibenzofuran	15.17	168	701338	42.654	ng		99
56) 4-Nitrophenol	14.96	139	91403	37.678	ng		90
57) 2,4-Dinitrotoluene	15.13	165	190446	51.329	ng		91
58) Fluorene	15.81	166	562607	42.334	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	192244	46.578	ng		96
60) Diethylphthalate	15.57	149	605356	41.010	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	344619	44.585	ng		96
62) 4-Nitroaniline	15.84	138	136688	43.676	ng		99
63) Azobenzene	16.10	77	598436	39.367	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	63849	33.448	ng		93
66) n-Nitrosodiphenylamine	16.02	169	507165	41.134	ng		100
67) 4-Bromophenyl-phenylether	16.70	248	234132	44.843	ng		95
68) Hexachlorobenzene	16.81	284	242795	44.973	ng		97
69) Atrazine	16.96	200	187152	38.312	ng		99
70) Pentachlorophenol	17.15	266	124210	39.318	ng		97
71) Phenanthrene	17.56	178	946909	41.950	ng		97
72) Anthracene	17.65	178	944641	41.634	ng		99
73) Carbazole	17.92	167	844394	40.848	ng		99
74) Di-n-butylphthalate	18.45	149	992984	39.798	ng		100
75) Fluoranthene	19.56	202	1207221	42.917	ng		99
77) Benzidine	19.74	184	390543	34.213	ng		99
78) Pyrene	19.92	202	1203307	46.052	ng		98
80) Butylbenzylphthalate	20.79	149	451193	44.304	ng		94
81) Benzo(a)anthracene	21.78	228	1216540	46.171	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	423842	45.131	ng		99
83) Chrysene	21.85	228	1173750	46.841	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	638325	43.421	ng		96
85) Di-n-octyl phthalate	22.91	149	1057367	42.708	ng		98
86) Indeno(1,2,3-cd)pyrene	29.01	276	1147575	37.878	ng	#	90
88) Benzo(b)fluoranthene	24.08	252	1190653	44.253	ng		98
89) Benzo(k)fluoranthene	24.15	252	1144346m	45.542	ng		
90) Benzo(a)pyrene	25.00	252	1115267	43.790	ng		99
91) Dibenzo(a,h)anthracene	29.08	278	884782	34.330	ng		97
92) Benzo(g,h,i)perylene	30.22	276	927086	36.143	ng		96

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

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